

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052825\
 Data File : BP024813.D
 Acq On : 28 May 2025 13:24
 Operator : RC/JU
 Sample : PB168177BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168177BL

Quant Time: May 28 14:19:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 28 14:16:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	148823	20.000	ng	-0.01
21) Naphthalene-d8	10.404	136	541367	20.000	ng	0.00
39) Acenaphthene-d10	14.275	164	327830	20.000	ng	0.00
64) Phenanthrene-d10	17.086	188	644287	20.000	ng	0.02
76) Chrysene-d12	21.510	240	673943	20.000	ng	0.02
86) Perylene-d12	24.792	264	793757	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	1234902	141.923	ng	-0.01
7) Phenol-d6	6.834	99	1425347	128.350	ng	-0.01
23) Nitrobenzene-d5	8.787	82	875282	81.691	ng	-0.01
42) 2,4,6-Tribromophenol	15.798	330	820739	147.677	ng	0.01
45) 2-Fluorobiphenyl	12.881	172	2116257	84.573	ng	0.00
79) Terphenyl-d14	19.804	244	3700328	94.146	ng	0.02

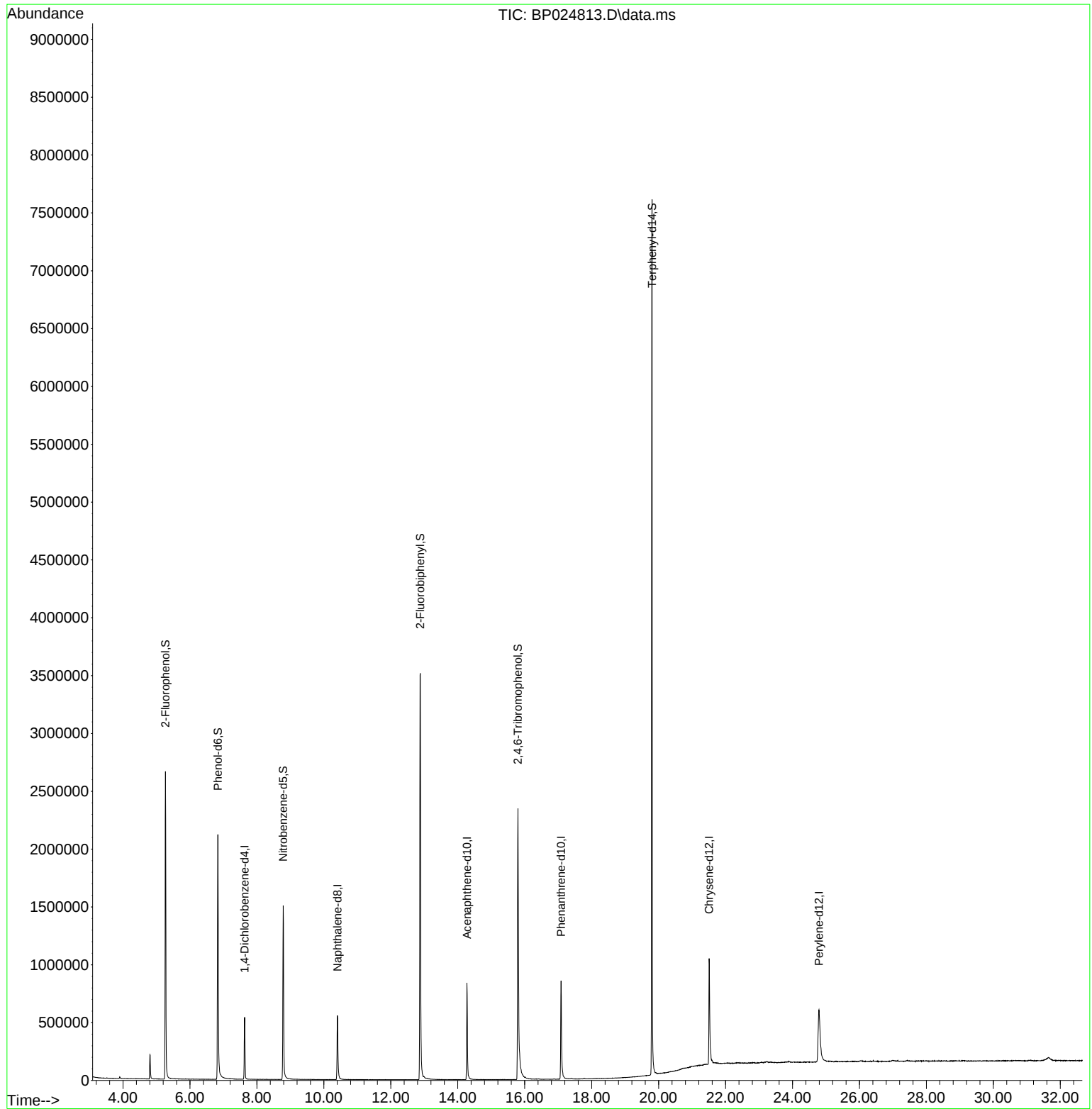
Target Compounds	Qvalue

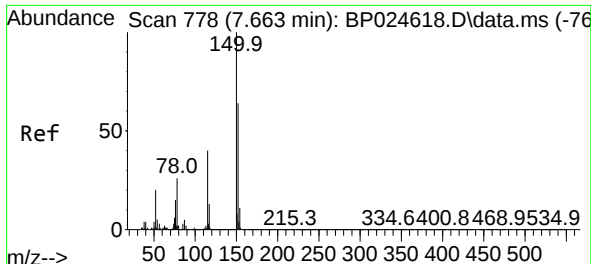
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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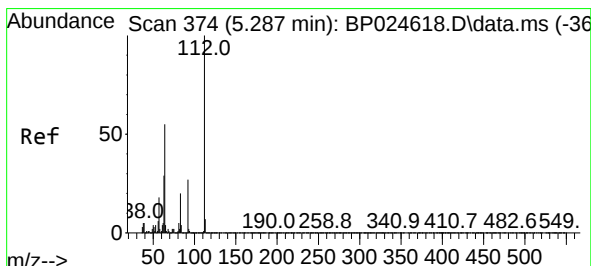
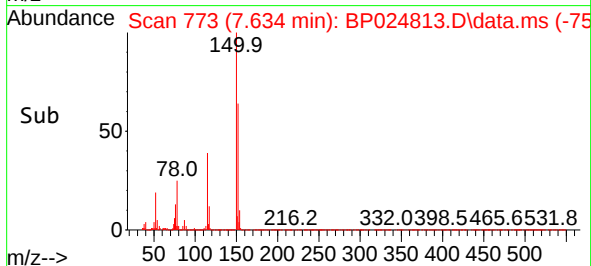
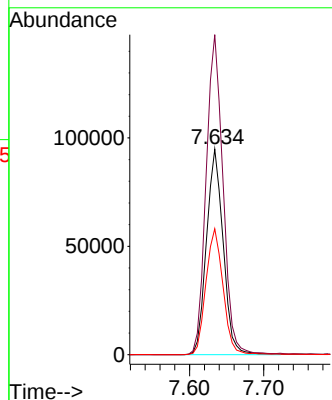
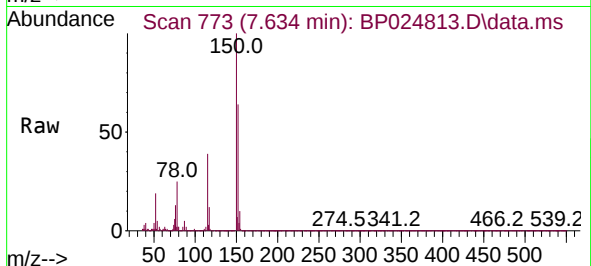




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.634 min Scan# 71
Delta R.T. -0.012 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

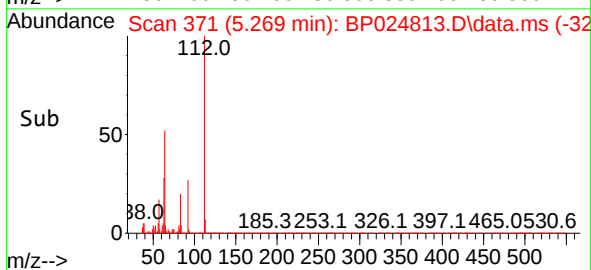
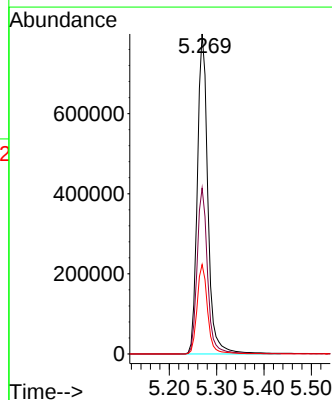
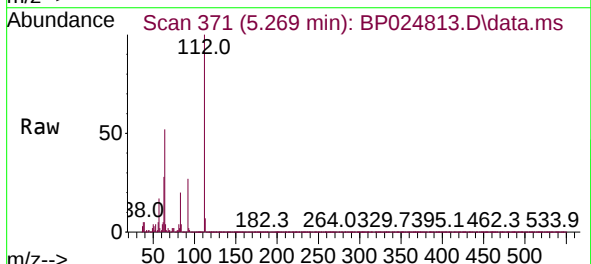
Instrument :
BNA_P
ClientSampleId :
PB168177BL

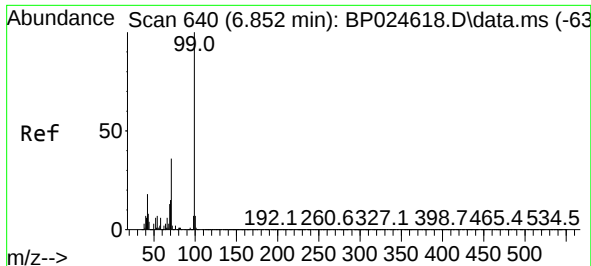
Tgt Ion:152 Resp: 148823
Ion Ratio Lower Upper
152 100
150 155.6 125.9 188.9
115 61.2 50.1 75.1



#5
2-Fluorophenol
Concen: 141.923 ng
RT: 5.269 min Scan# 371
Delta R.T. -0.012 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

Tgt Ion:112 Resp: 1234902
Ion Ratio Lower Upper
112 100
64 51.8 44.1 66.1
63 28.0 23.5 35.3

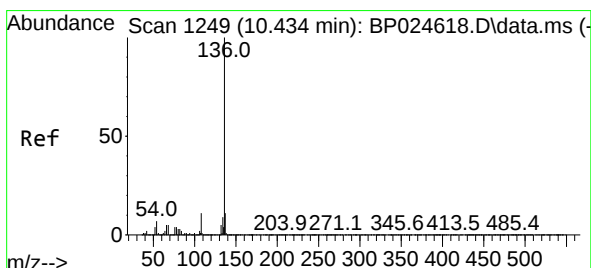
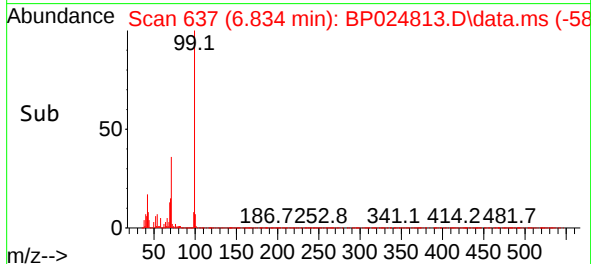
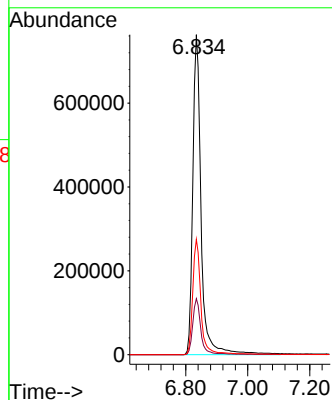
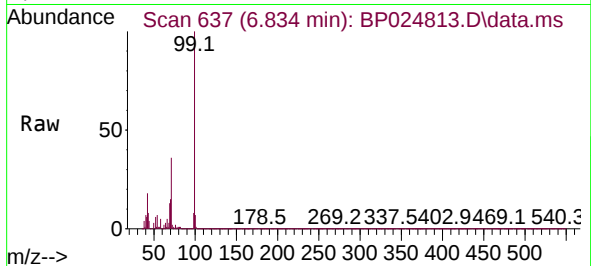




#7
Phenol-d6
Concen: 128.350 ng
RT: 6.834 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

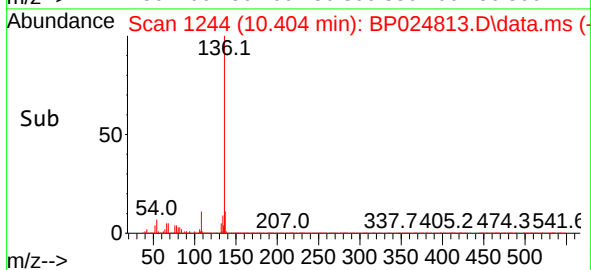
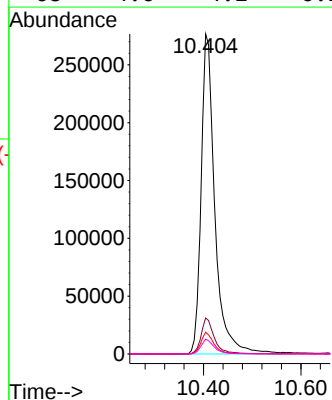
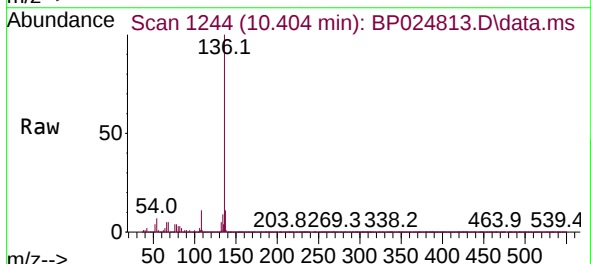
Instrument :
BNA_P
ClientSampleId :
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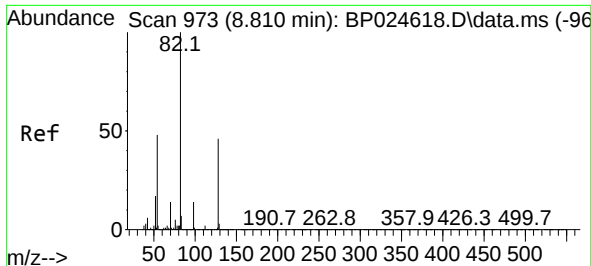
Tgt Ion: 99 Resp: 1425347
Ion Ratio Lower Upper
99 100
42 17.5 14.4 21.6
71 36.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

Tgt Ion: 136 Resp: 541367
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.8 5.5 8.3
68 4.6 4.2 6.2

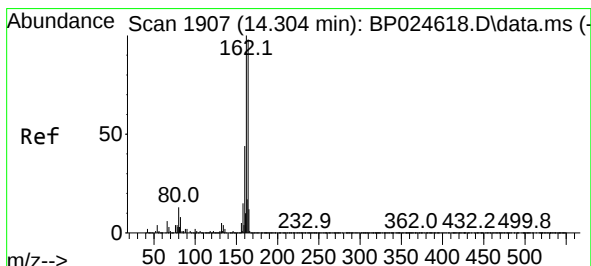
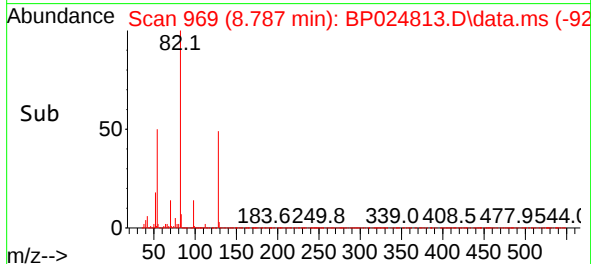
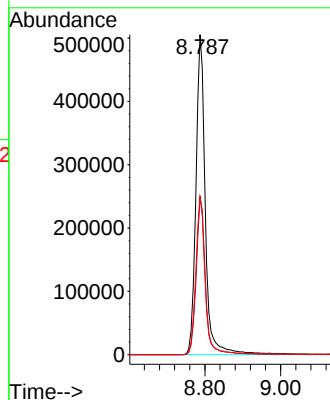
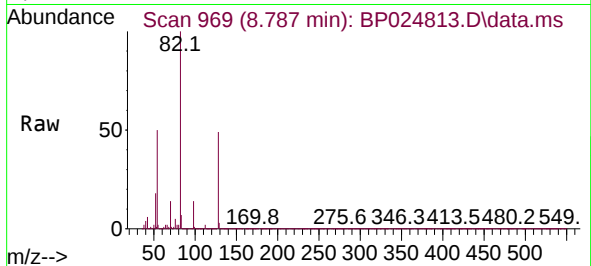




#23
Nitrobenzene-d5
Concen: 81.691 ng
RT: 8.787 min Scan# 90
Delta R.T. -0.012 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

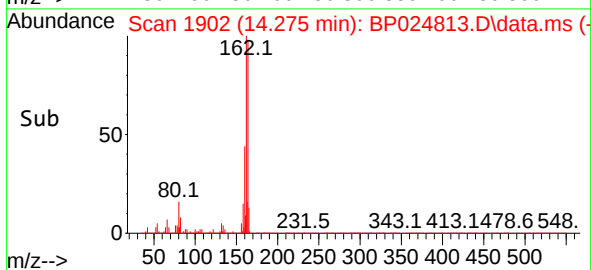
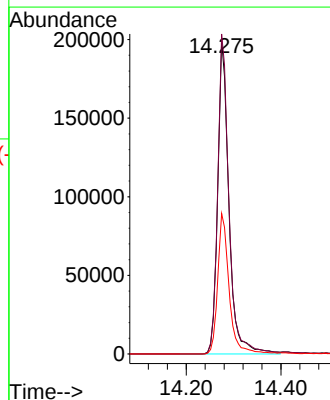
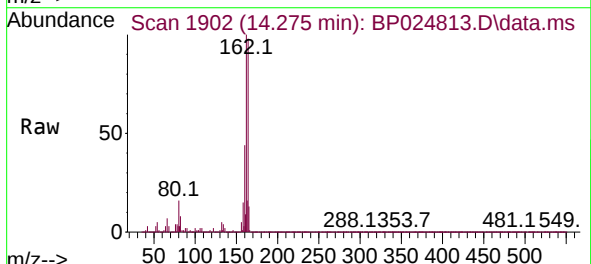
Instrument :
BNA_P
ClientSampleId :
PB168177BL

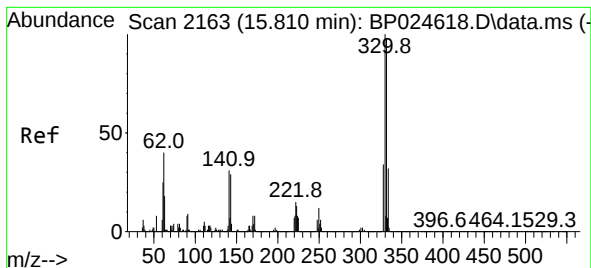
Tgt Ion: 82 Resp: 875282
Ion Ratio Lower Upper
82 100
128 49.1 37.0 55.4
54 49.7 38.7 58.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.275 min Scan# 1902
Delta R.T. 0.000 min
Lab File: BP024813.D
Acq: 28 May 2025 13:24

Tgt Ion:164 Resp: 327830
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 44.8 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 147.677 ng

RT: 15.798 min Scan# 2161

Delta R.T. 0.012 min

Lab File: BP024813.D

Acq: 28 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

PB168177BL

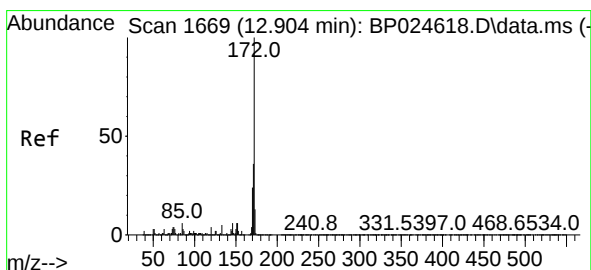
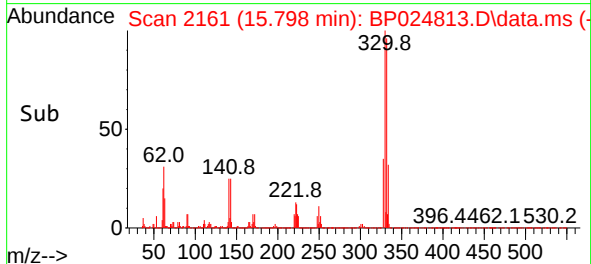
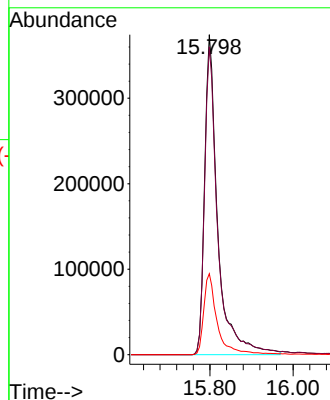
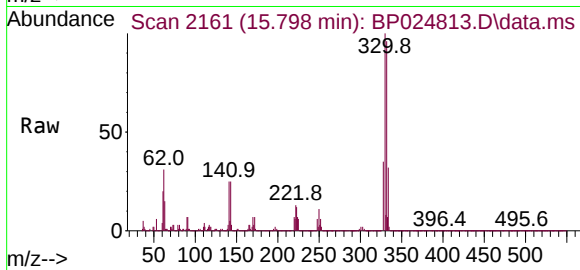
Tgt Ion:330 Resp: 820739

Ion Ratio Lower Upper

330 100

332 97.9 78.2 117.4

141 26.3 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 84.573 ng

RT: 12.881 min Scan# 1665

Delta R.T. 0.000 min

Lab File: BP024813.D

Acq: 28 May 2025 13:24

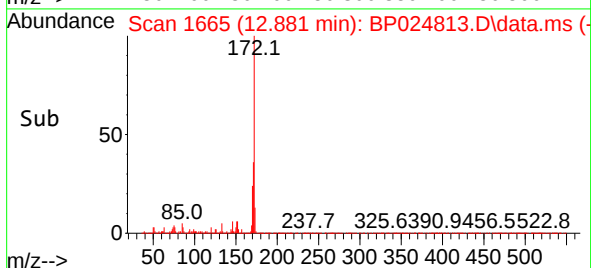
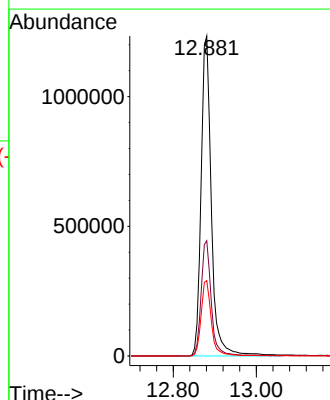
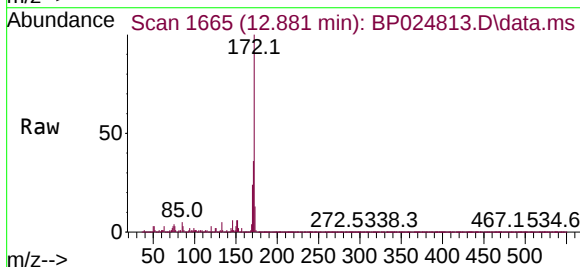
Tgt Ion:172 Resp: 2116257

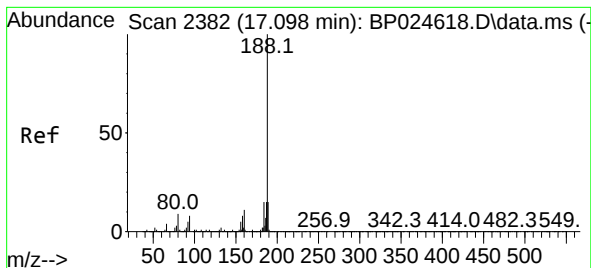
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.086 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP024813.D

Acq: 28 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

PB168177BL

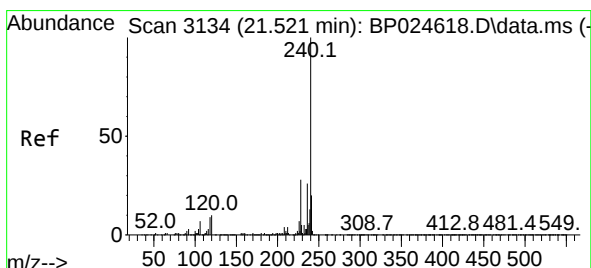
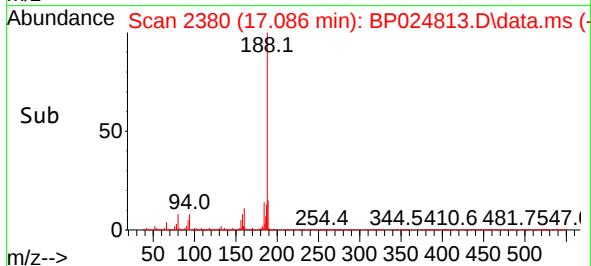
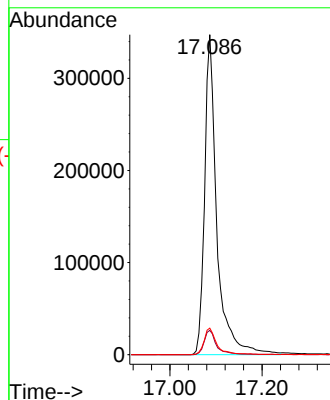
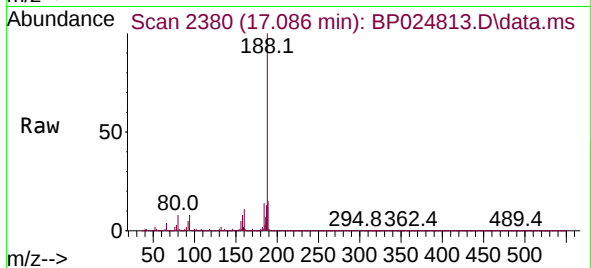
Tgt Ion:188 Resp: 644287

Ion Ratio Lower Upper

188 100

94 7.6 6.5 9.7

80 8.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3132

Delta R.T. 0.018 min

Lab File: BP024813.D

Acq: 28 May 2025 13:24

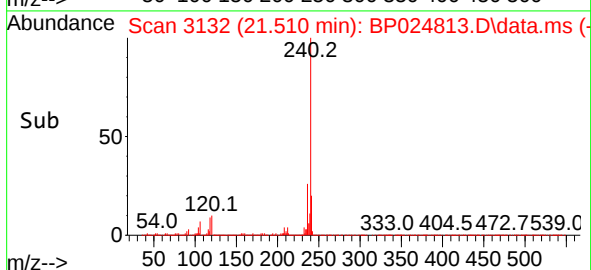
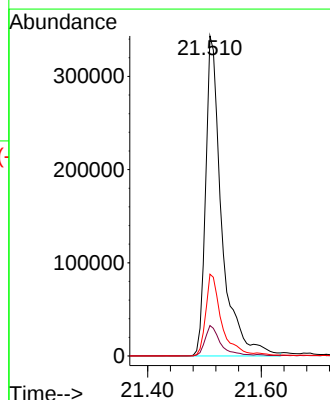
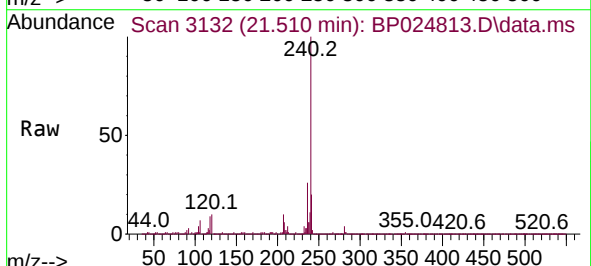
Tgt Ion:240 Resp: 673943

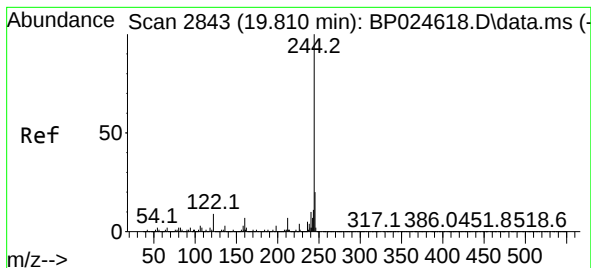
Ion Ratio Lower Upper

240 100

120 9.5 7.8 11.6

236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 94.146 ng

RT: 19.804 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP024813.D

Acq: 28 May 2025 13:24

Instrument :

BNA_P

ClientSampleId :

PB168177BL

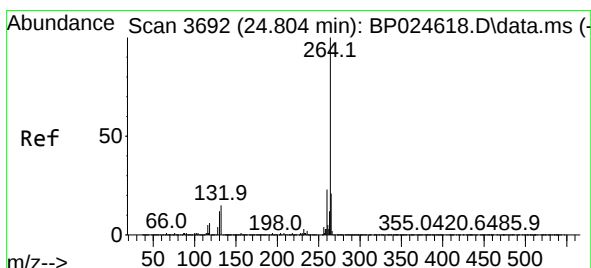
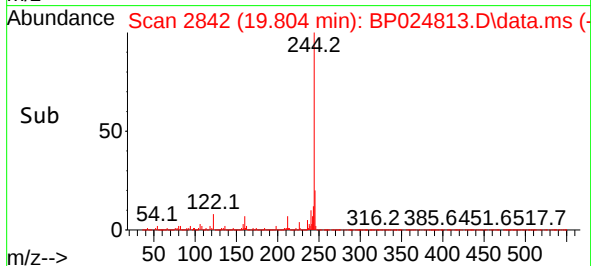
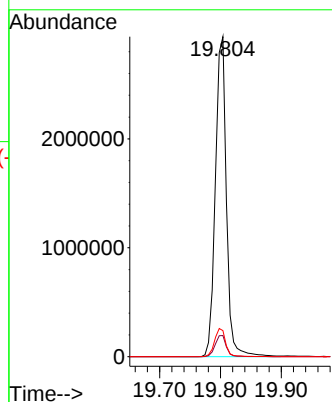
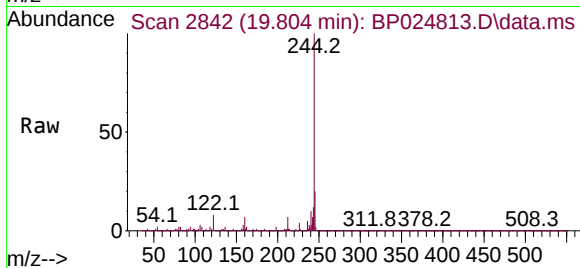
Tgt Ion:244 Resp: 3700328

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

122 8.1 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.792 min Scan# 3690

Delta R.T. 0.047 min

Lab File: BP024813.D

Acq: 28 May 2025 13:24

Tgt Ion:264 Resp: 793757

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.1 17.0 25.6

