

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024652.D
 Acq On : 16 May 2025 11:30
 Operator : RC/JU
 Sample : PB168026BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168026BL

Quant Time: May 16 11:50:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 13 16:21:39 2025
 Response via : Initial Calibration

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

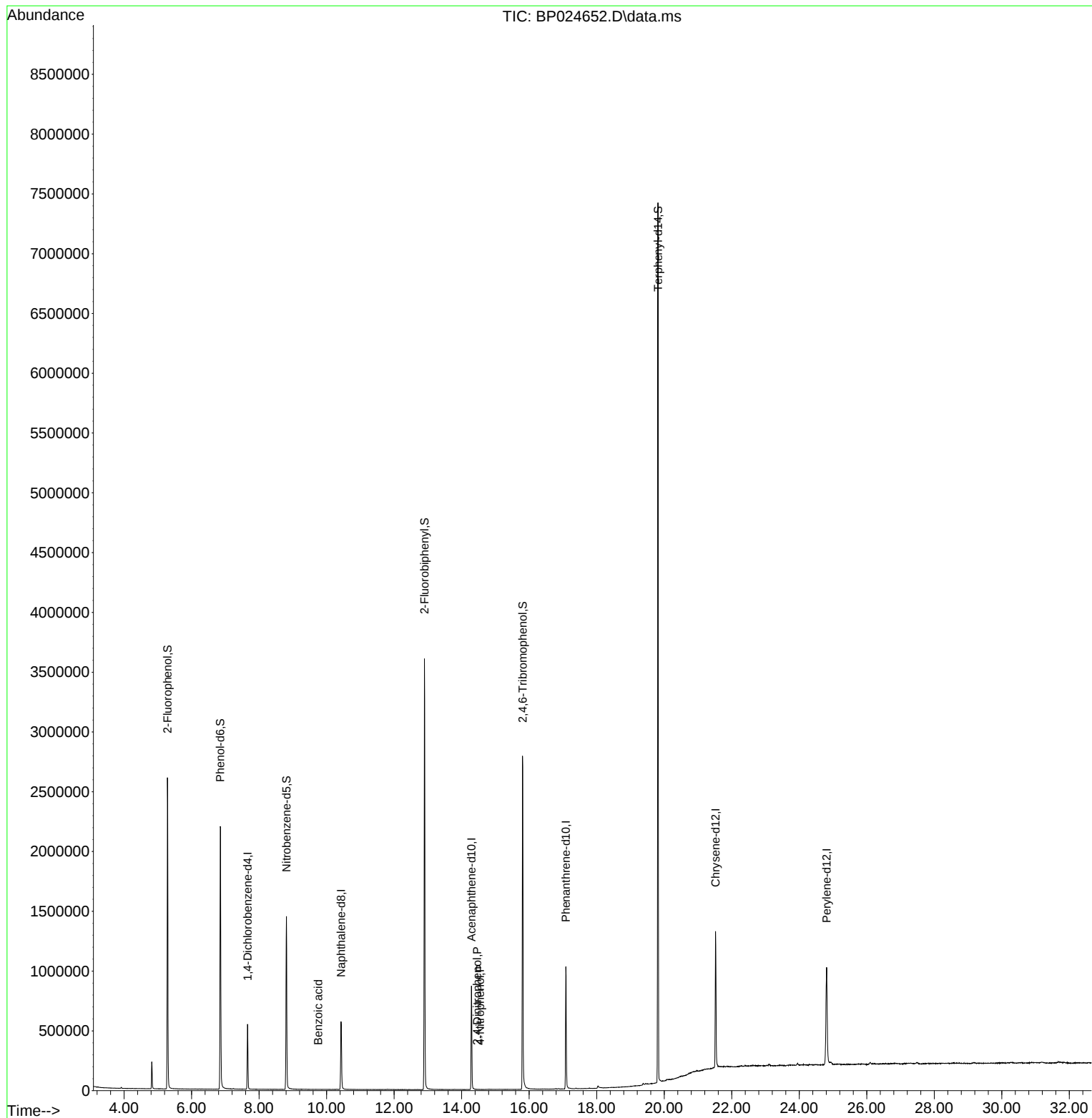
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	146507	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	552664	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	320573	20.000	ng	-0.01
64) Phenanthrene-d10	17.086	188	613837	20.000	ng	-0.01
76) Chrysene-d12	21.522	240	714296	20.000	ng	0.00
86) Perylene-d12	24.810	264	864537	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1128462	131.740	ng	0.00
7) Phenol-d6	6.852	99	1338849	122.467	ng	0.00
23) Nitrobenzene-d5	8.810	82	832662	76.125	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	673078	123.850	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	1868282	76.353	ng	0.00
79) Terphenyl-d14	19.816	244	3274879	78.615	ng	0.00
Target Compounds						
32) Benzoic acid	9.752	122	40	7.474	ng	# 1
54) 2,4-Dinitrophenol	14.463	184	14	6.405	ng	97
56) 4-Nitrophenol	14.545	139	12	4.237	ng	# 1

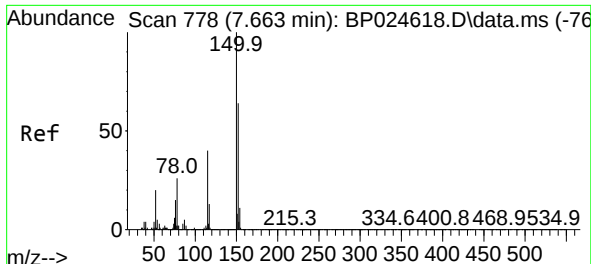
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
Data File : BP024652.D
Acq On : 16 May 2025 11:30
Operator : RC/JU
Sample : PB168026BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168026BL

Quant Time: May 16 11:50:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

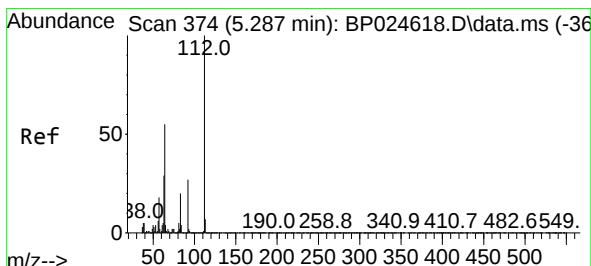
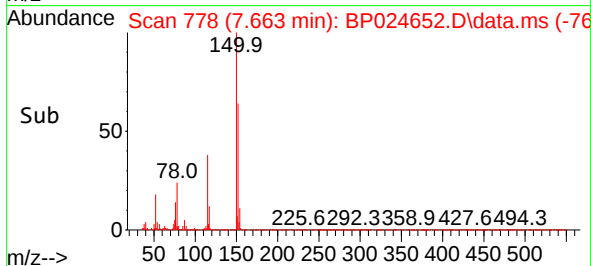
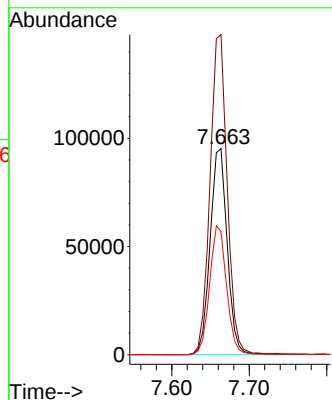
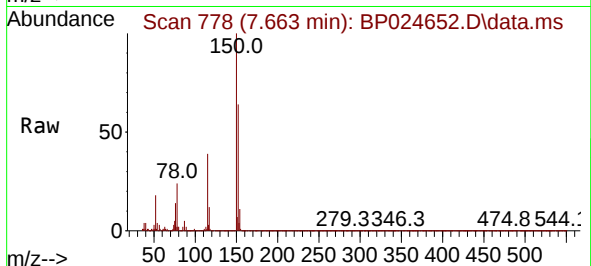




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024652.D
Acq: 16 May 2025 11:30

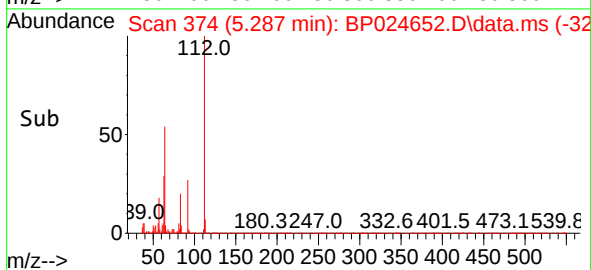
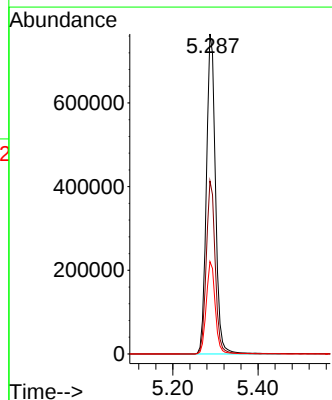
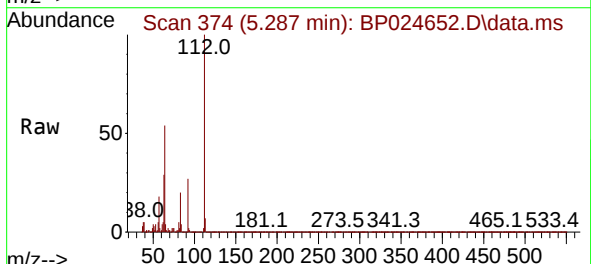
Instrument :
BNA_P
ClientSampleId :
PB168026BL

Tgt Ion:152 Resp: 146507
Ion Ratio Lower Upper
152 100
150 155.3 125.9 188.9
115 59.8 50.1 75.1



#5
2-Fluorophenol
Concen: 131.740 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024652.D
Acq: 16 May 2025 11:30

Tgt Ion:112 Resp: 1128462
Ion Ratio Lower Upper
112 100
64 54.0 44.1 66.1
63 28.9 23.5 35.3

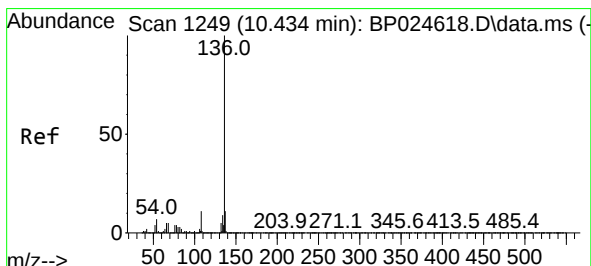
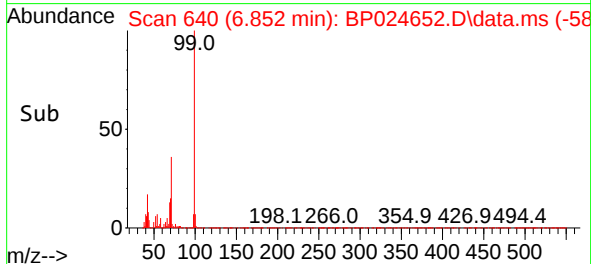
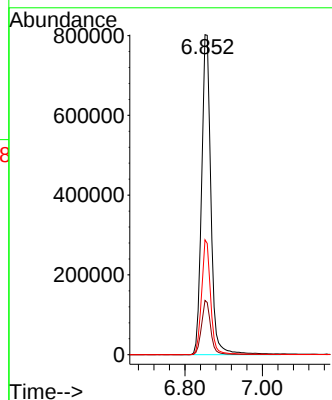
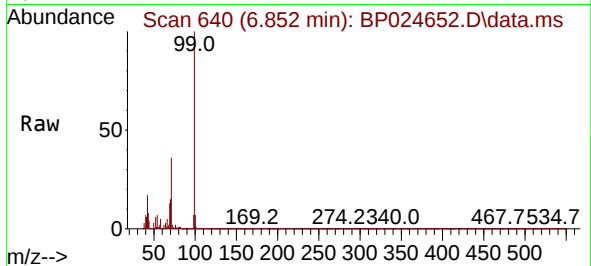




#7
Phenol-d6
Concen: 122.467 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024652.D
Acq: 16 May 2025 11:30

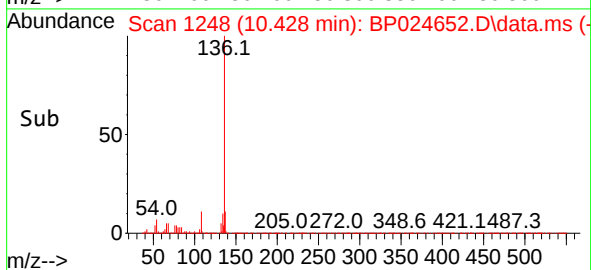
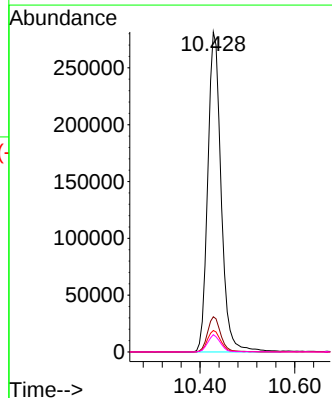
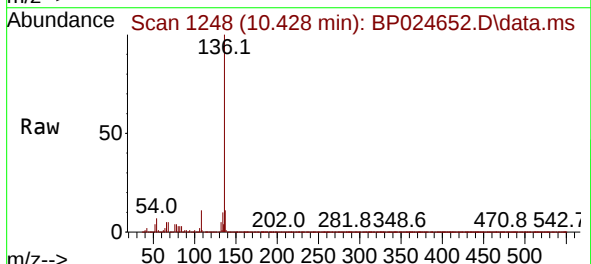
Instrument :
BNA_P
ClientSampleId :
PB168026BL

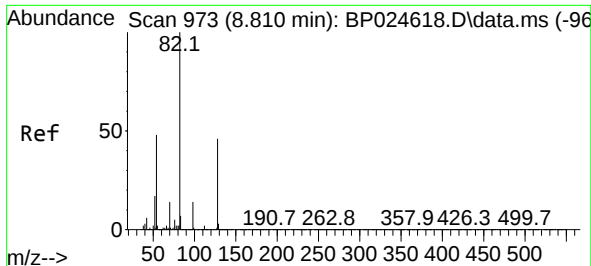
Tgt Ion: 99 Resp: 1338849
Ion Ratio Lower Upper
99 100
42 16.9 14.4 21.6
71 35.9 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024652.D
Acq: 16 May 2025 11:30

Tgt Ion: 136 Resp: 552664
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.7 5.5 8.3
68 5.4 4.2 6.2

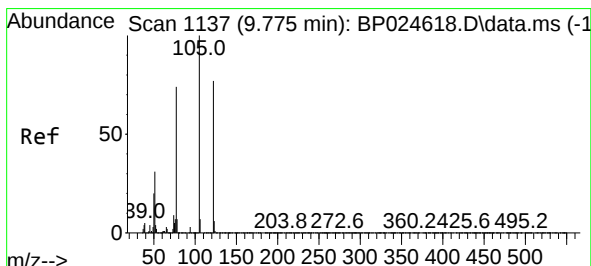
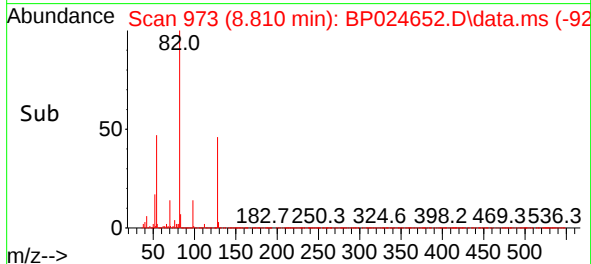
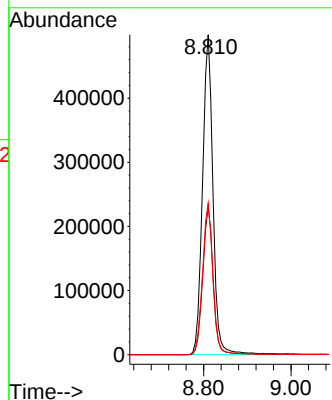
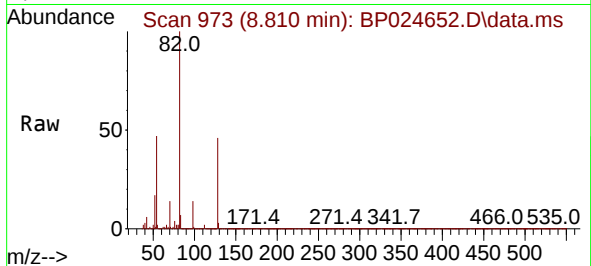




#23
Nitrobenzene-d5
Concen: 76.125 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024652.D
Acq: 16 May 2025 11:30

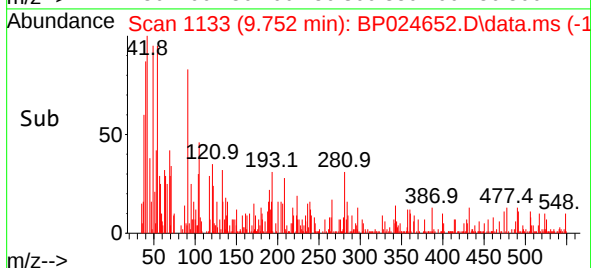
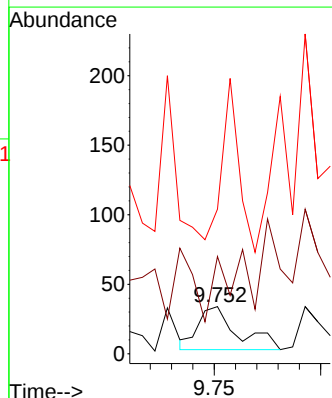
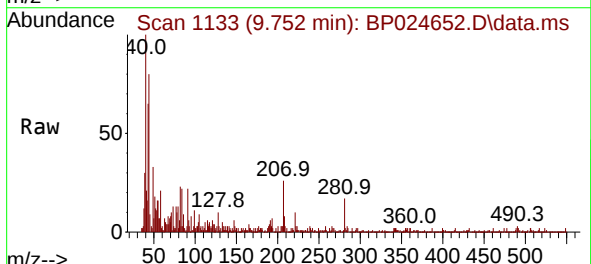
Instrument :
BNA_P
ClientSampleId :
PB168026BL

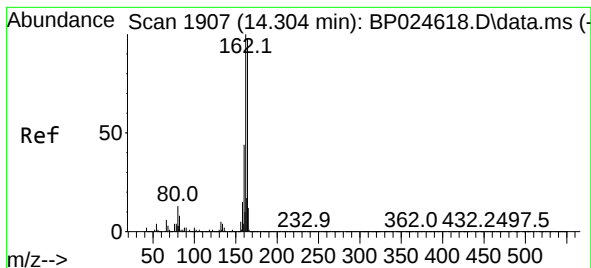
Tgt Ion: 82 Resp: 832662
Ion Ratio Lower Upper
82 100
128 45.9 37.0 55.4
54 47.5 38.7 58.1



#32
Benzoic acid
Concen: 7.474 ng
RT: 9.752 min Scan# 1133
Delta R.T. -0.023 min
Lab File: BP024652.D
Acq: 16 May 2025 11:30

Tgt Ion:122 Resp: 40
Ion Ratio Lower Upper
122 100
105 205.9 106.9 146.9#
77 305.9 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.292 min Scan# 1905

Delta R.T. -0.012 min

Lab File: BP024652.D

Acq: 16 May 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB168026BL

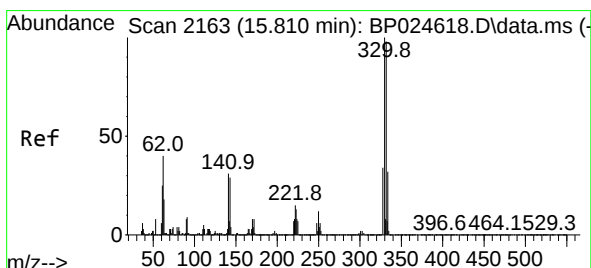
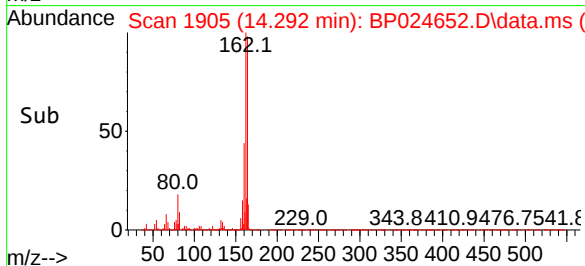
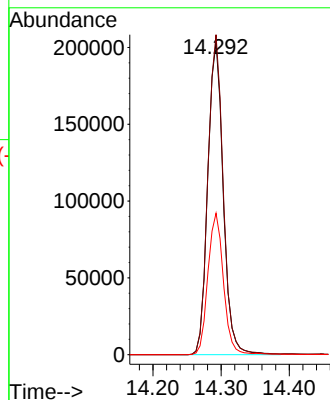
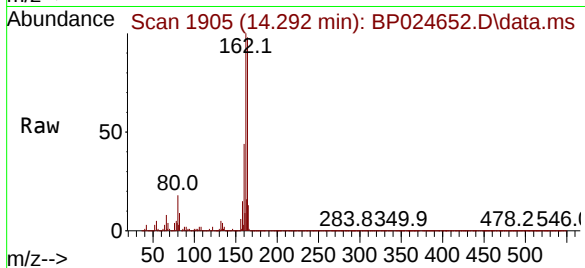
Tgt Ion:164 Resp: 320573

Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.6

160 45.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 123.850 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024652.D

Acq: 16 May 2025 11:30

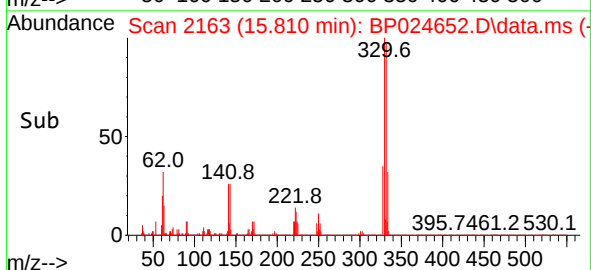
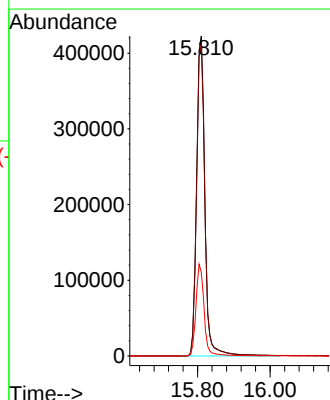
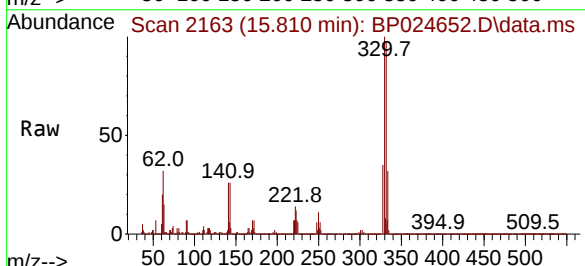
Tgt Ion:330 Resp: 673078

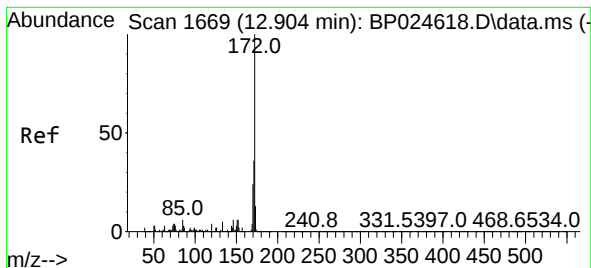
Ion Ratio Lower Upper

330 100

332 97.4 78.2 117.4

141 28.2 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 76.353 ng

RT: 12.898 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP024652.D

Acq: 16 May 2025 11:30

Instrument :

BNA_P

ClientSampleId :

PB168026BL

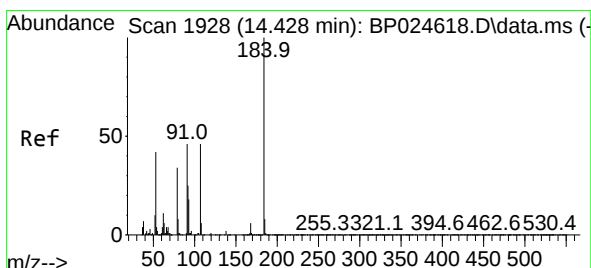
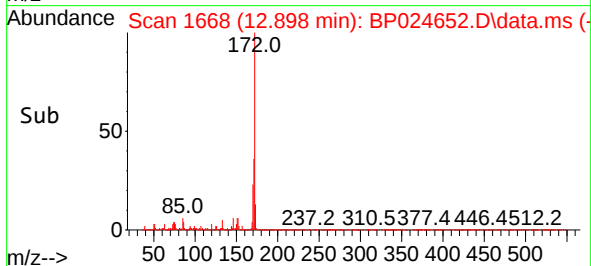
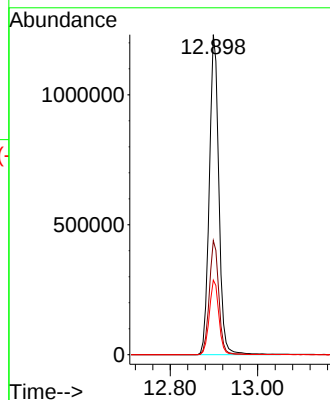
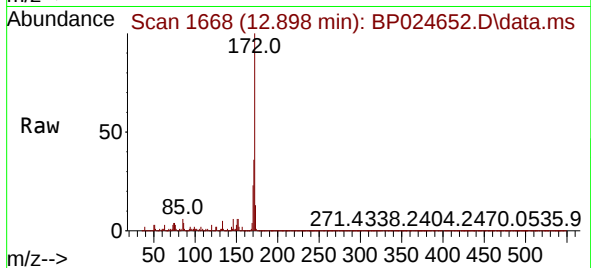
Tgt Ion:172 Resp: 1868282

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 23.3 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.405 ng

RT: 14.463 min Scan# 1934

Delta R.T. 0.035 min

Lab File: BP024652.D

Acq: 16 May 2025 11:30

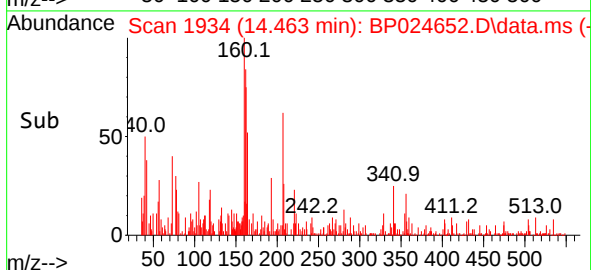
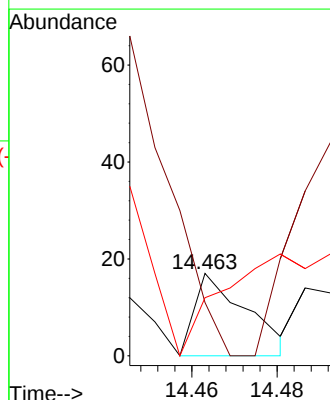
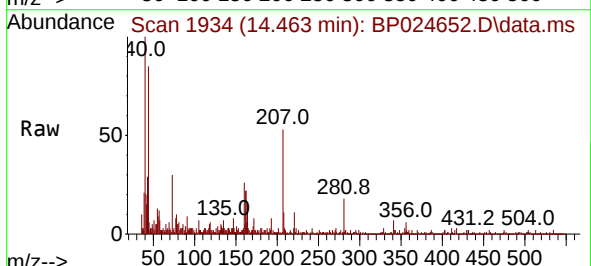
Tgt Ion:184 Resp: 14

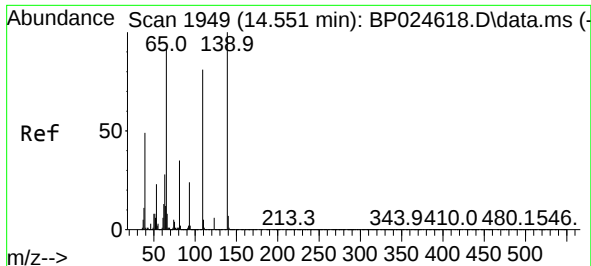
Ion Ratio Lower Upper

184 100

63 64.7 51.3 76.9

154 70.6 53.5 80.3

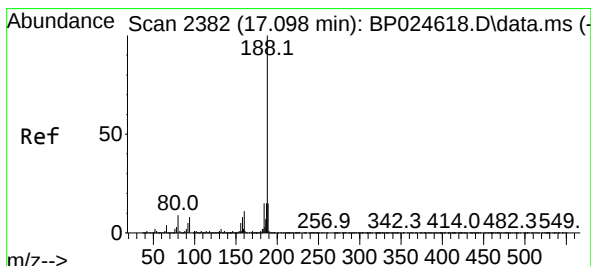
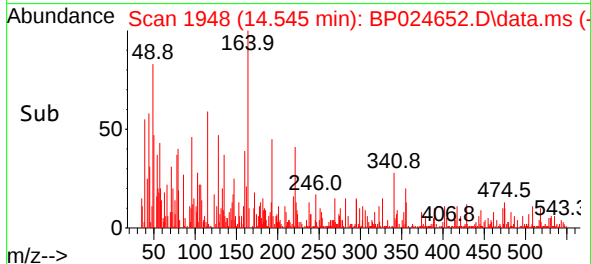
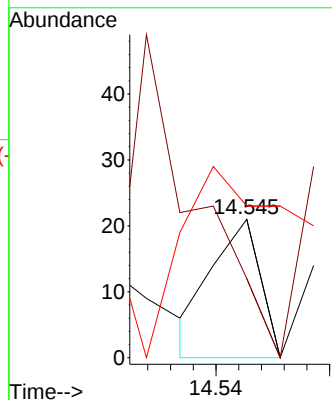
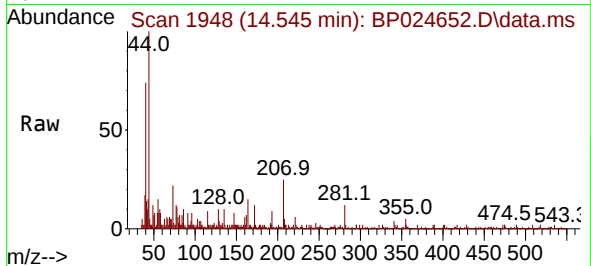




#56
4-Nitrophenol
Concen: 4.237 ng
RT: 14.545 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP024652.D
Acq: 16 May 2025 11:30

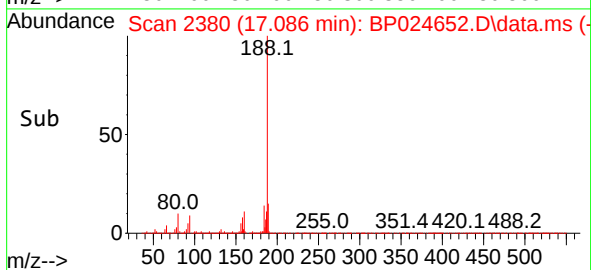
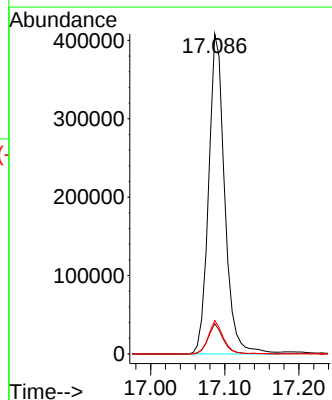
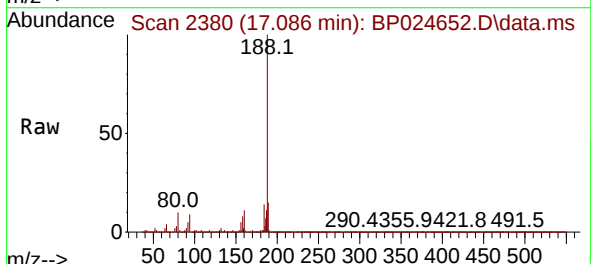
Instrument :
BNA_P
ClientSampleId :
PB168026BL

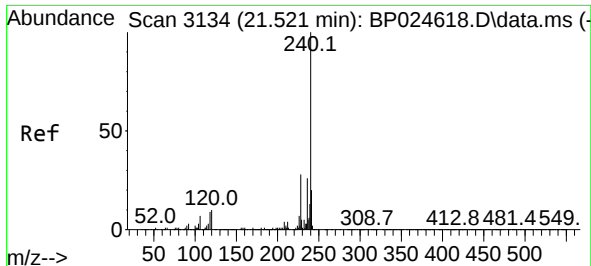
Tgt Ion:139 Resp: 12
Ion Ratio Lower Upper
139 100
109 57.1 61.4 101.4#
65 395.2 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.012 min
Lab File: BP024652.D
Acq: 16 May 2025 11:30

Tgt Ion:188 Resp: 613837
Ion Ratio Lower Upper
188 100
94 9.4 6.5 9.7
80 10.4 7.3 10.9

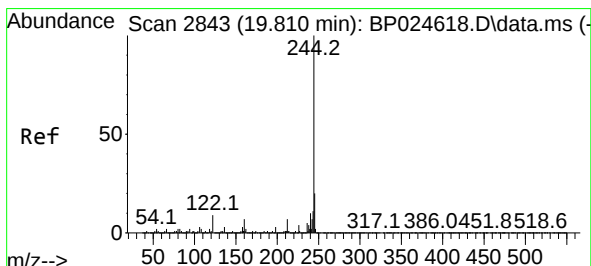
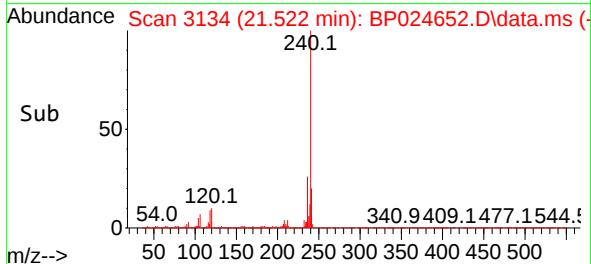
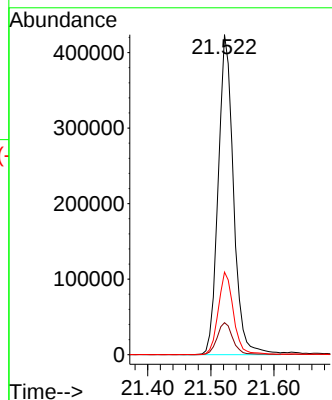
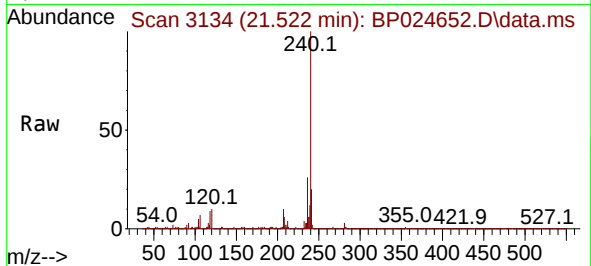




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.522 min Scan# 3134
Delta R.T. 0.000 min
Lab File: BP024652.D
Acq: 16 May 2025 11:30

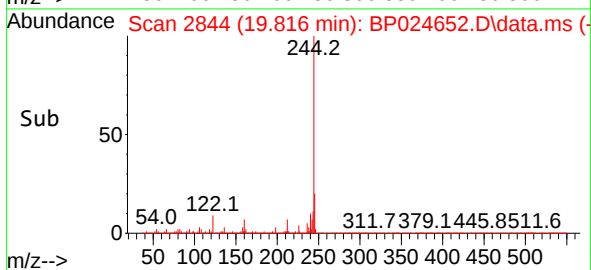
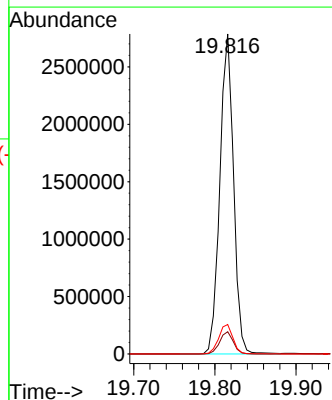
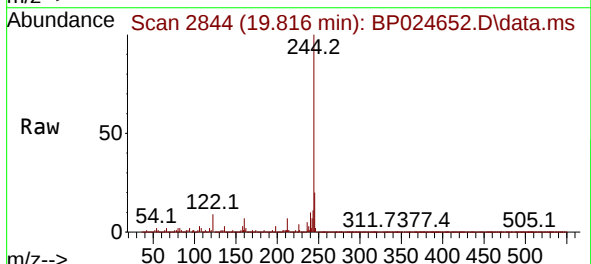
Instrument :
BNA_P
ClientSampleId :
PB168026BL

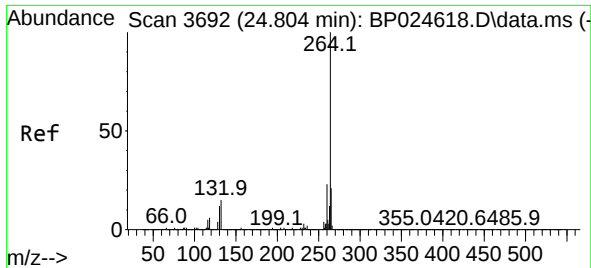
Tgt Ion:240 Resp: 714296
Ion Ratio Lower Upper
240 100
120 10.0 7.8 11.6
236 25.8 20.6 31.0



#79
Terphenyl-d14
Concen: 78.615 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BP024652.D
Acq: 16 May 2025 11:30

Tgt Ion:244 Resp: 3274879
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 9.2 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.810 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: BP024652.D
 Acq: 16 May 2025 11:30

Instrument :
 BNA_P
 ClientSampleId :
 PB168026BL

Tgt Ion:264 Resp: 864537
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.4 17.0 25.6

