

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024826.D
 Acq On : 29 May 2025 12:39
 Operator : RC/JU
 Sample : PB168184BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168184BL

Quant Time: May 29 13:18:10 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)

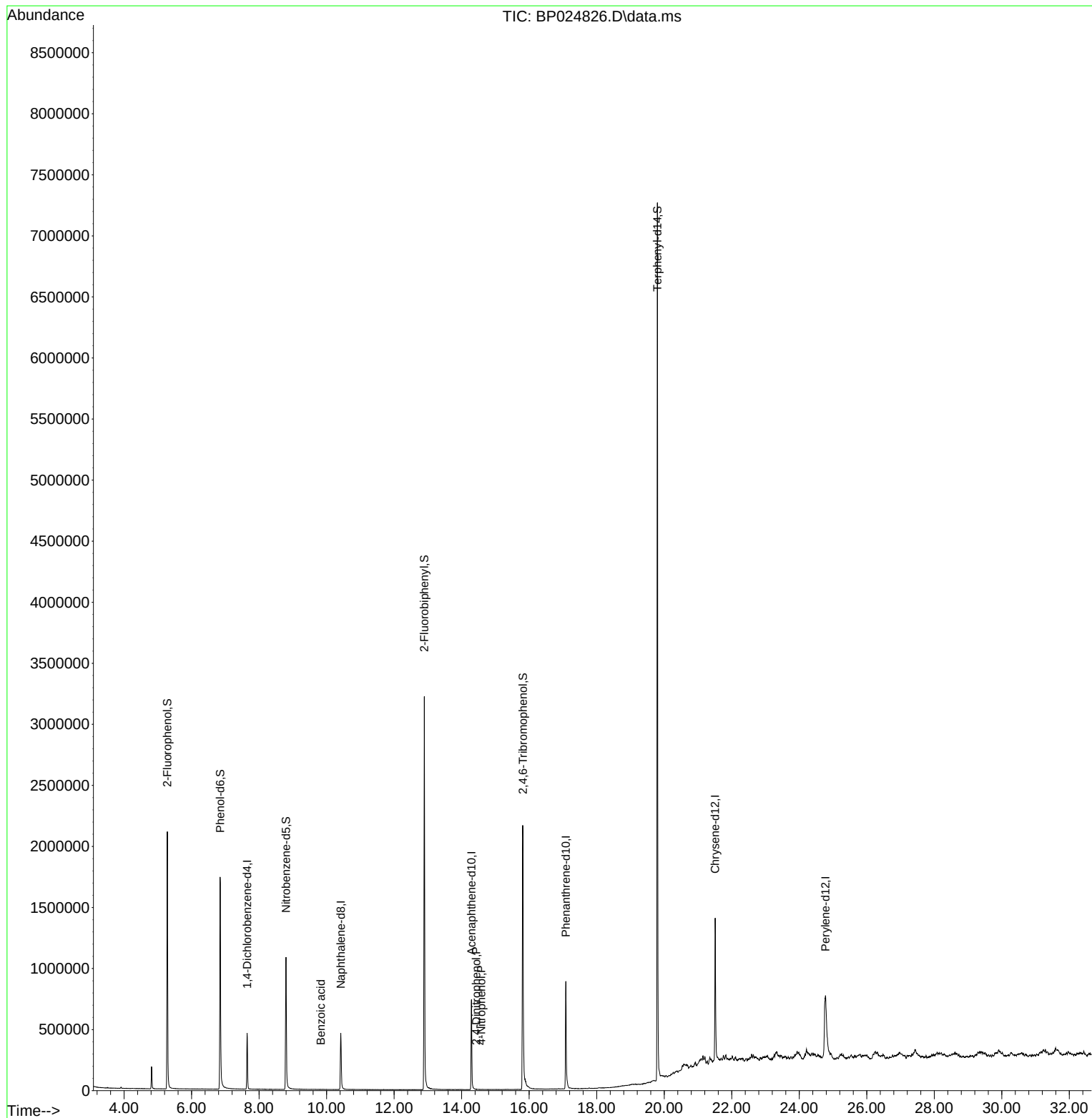
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	123432	20.000	ng	0.00
21) Naphthalene-d8	10.422	136	469093	20.000	ng	0.01
39) Acenaphthene-d10	14.292	164	285183	20.000	ng	0.02
64) Phenanthrene-d10	17.086	188	596360	20.000	ng	0.02
76) Chrysene-d12	21.510	240	712219	20.000	ng	0.02
86) Perylene-d12	24.780	264	911969	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	961470	133.229	ng	0.00
7) Phenol-d6	6.846	99	1123641	121.996	ng	0.00
23) Nitrobenzene-d5	8.799	82	677494	72.974	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	714776	147.844	ng	0.03
45) 2-Fluorobiphenyl	12.892	172	1677653	77.071	ng	0.01
79) Terphenyl-d14	19.798	244	3425905	82.480	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.828	122	11	7.470	ng	# 1
54) 2,4-Dinitrophenol	14.434	184	20	6.407	ng	# 70
56) 4-Nitrophenol	14.581	139	14	4.237	ng	# 73

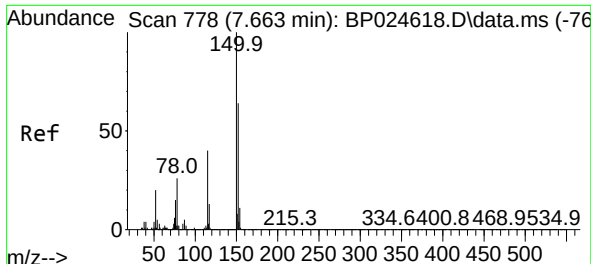
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
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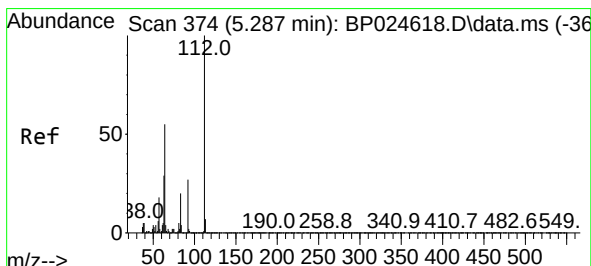
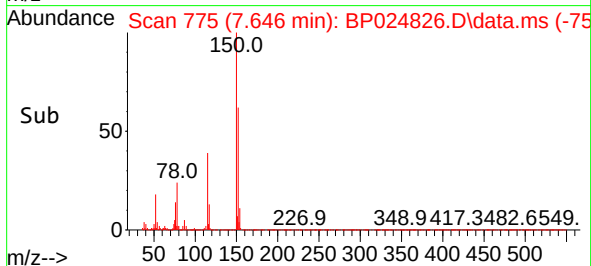
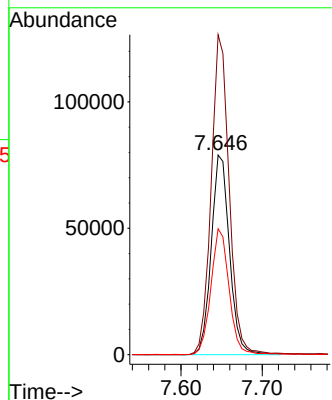
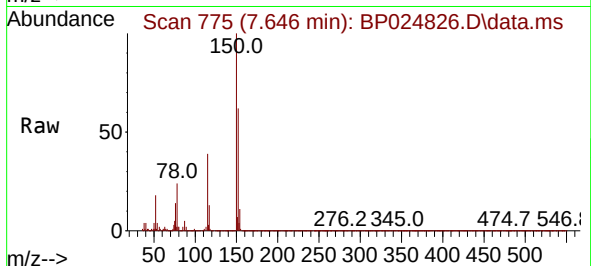




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024826.D
Acq: 29 May 2025 12:39

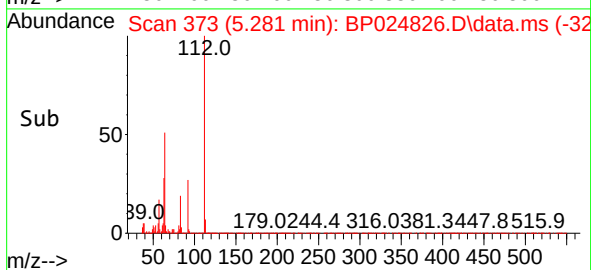
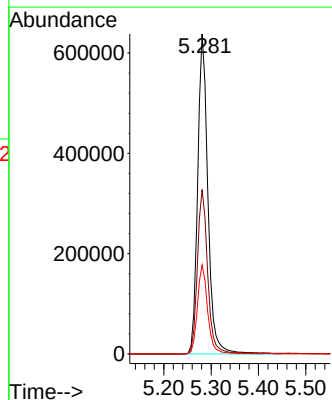
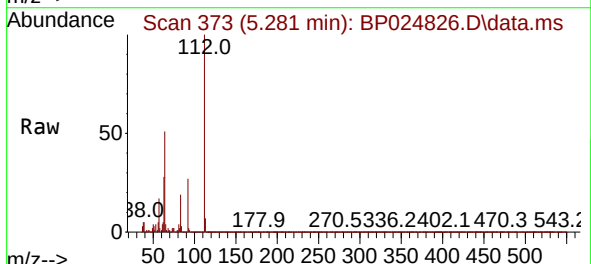
Instrument :
BNA_P
ClientSampleId :
PB168184BL

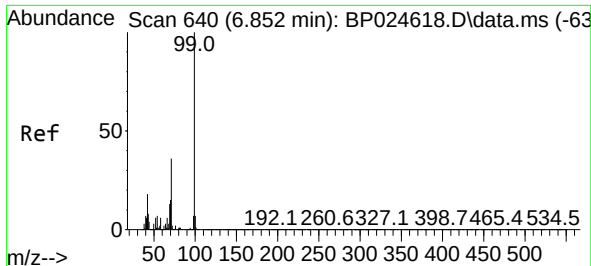
Tgt Ion:152 Resp: 123432
Ion Ratio Lower Upper
152 100
150 160.2 125.9 188.9
115 63.0 50.1 75.1



#5
2-Fluorophenol
Concen: 133.229 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.000 min
Lab File: BP024826.D
Acq: 29 May 2025 12:39

Tgt Ion:112 Resp: 961470
Ion Ratio Lower Upper
112 100
64 51.4 44.1 66.1
63 27.8 23.5 35.3

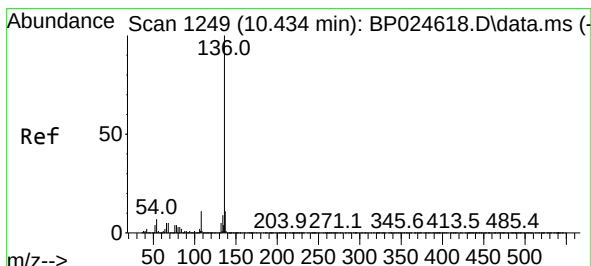
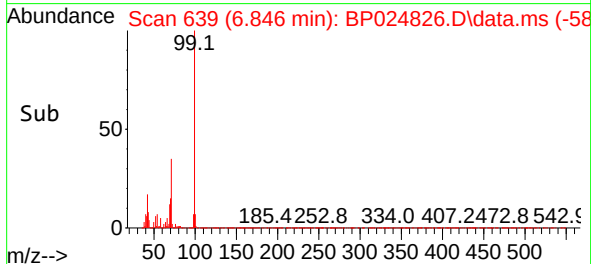
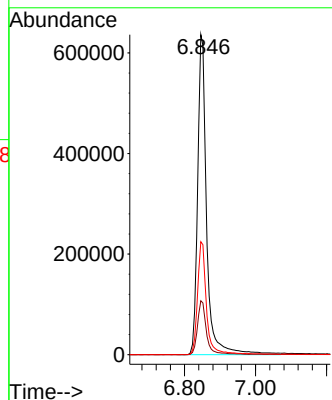
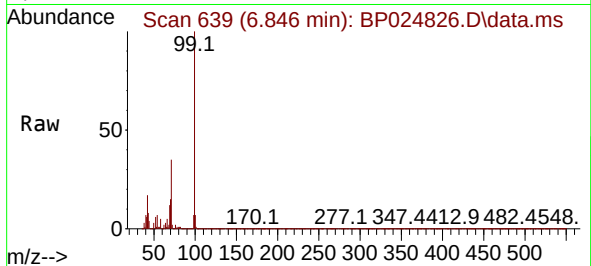




#7
Phenol-d6
Concen: 121.996 ng
RT: 6.846 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP024826.D
Acq: 29 May 2025 12:39

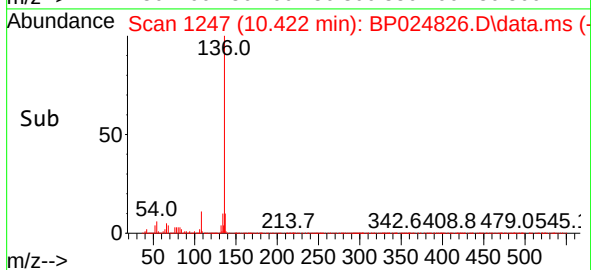
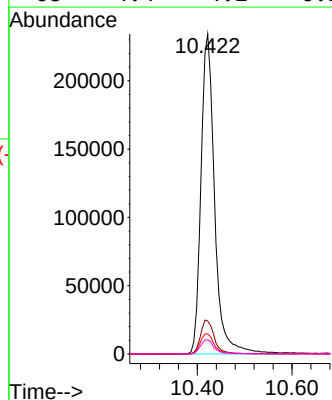
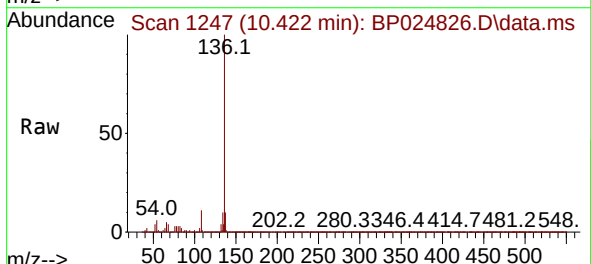
Instrument :
BNA_P
ClientSampleId :
PB168184BL

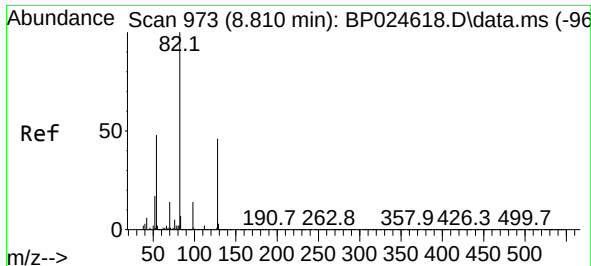
Tgt Ion: 99 Resp: 1123641
Ion Ratio Lower Upper
99 100
42 16.8 14.4 21.6
71 35.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.422 min Scan# 1247
Delta R.T. 0.012 min
Lab File: BP024826.D
Acq: 29 May 2025 12:39

Tgt Ion: 136 Resp: 469093
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 6.2 5.5 8.3
68 4.4 4.2 6.2

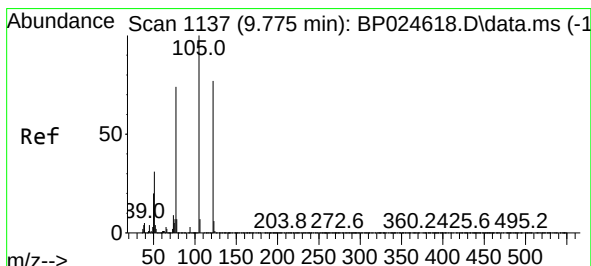
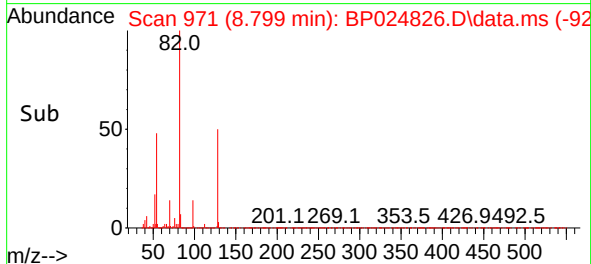
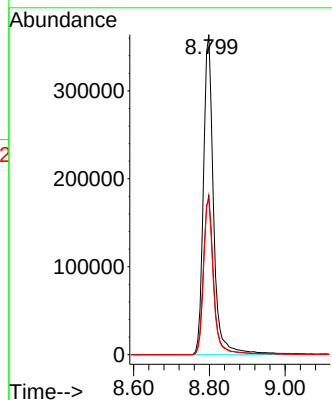
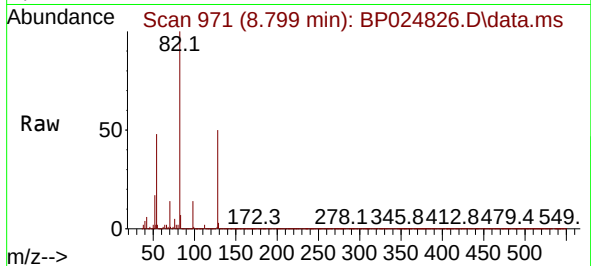




#23
Nitrobenzene-d5
Concen: 72.974 ng
RT: 8.799 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024826.D
Acq: 29 May 2025 12:39

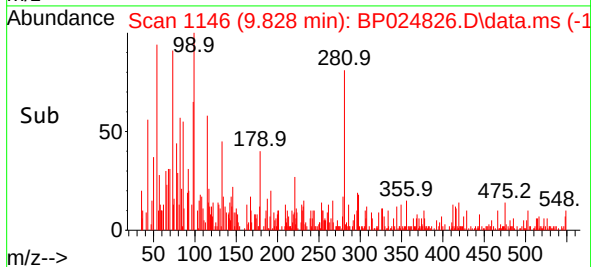
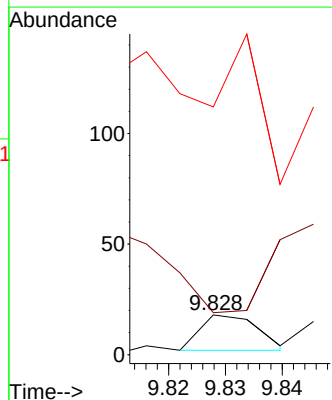
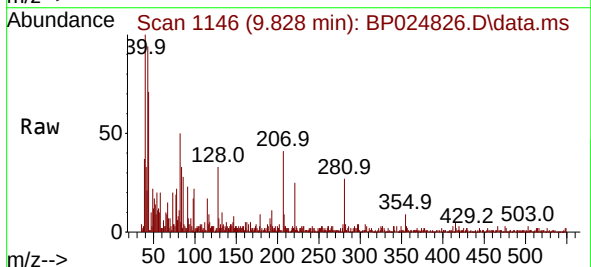
Instrument :
BNA_P
ClientSampleId :
PB168184BL

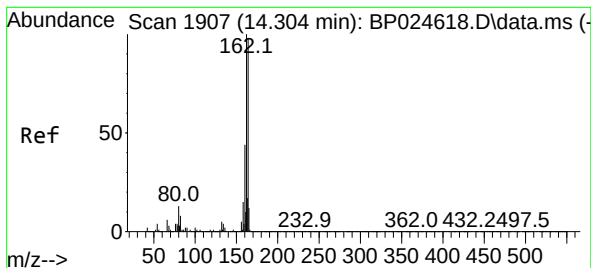
Tgt Ion: 82 Resp: 677494
Ion Ratio Lower Upper
82 100
128 49.8 37.0 55.4
54 48.3 38.7 58.1



#32
Benzoic acid
Concen: 7.470 ng
RT: 9.828 min Scan# 1146
Delta R.T. 0.035 min
Lab File: BP024826.D
Acq: 29 May 2025 12:39

Tgt Ion: 122 Resp: 11
Ion Ratio Lower Upper
122 100
105 105.6 106.9 146.9#
77 622.2 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.292 min Scan# 1905

Delta R.T. 0.018 min

Lab File: BP024826.D

Acq: 29 May 2025 12:39

Instrument :

BNA_P

ClientSampleId :

PB168184BL

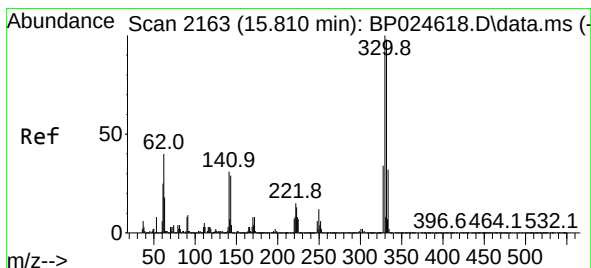
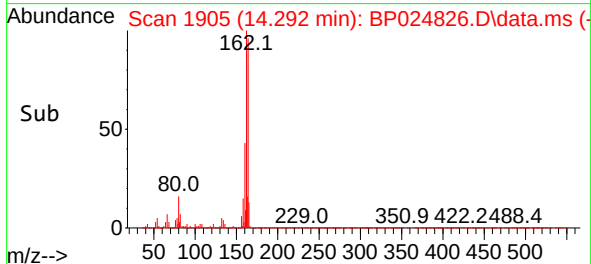
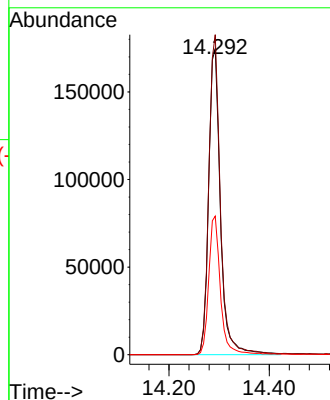
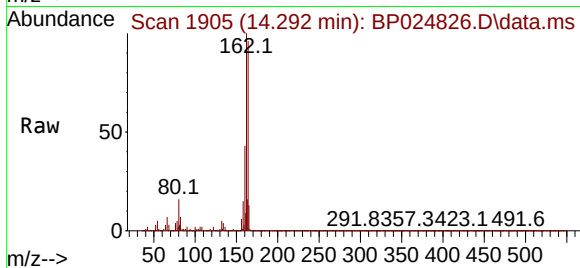
Tgt Ion:164 Resp: 285183

Ion Ratio Lower Upper

164 100

162 104.6 81.8 122.6

160 45.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 147.844 ng

RT: 15.816 min Scan# 2164

Delta R.T. 0.029 min

Lab File: BP024826.D

Acq: 29 May 2025 12:39

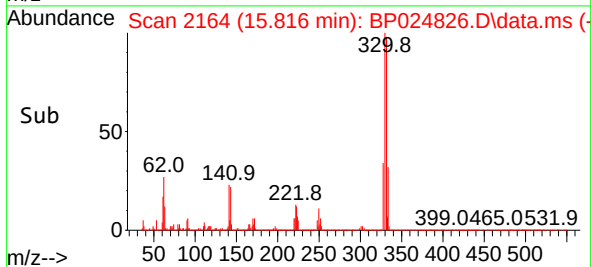
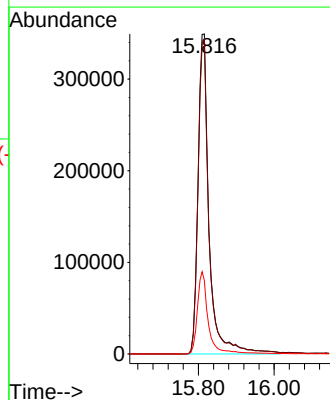
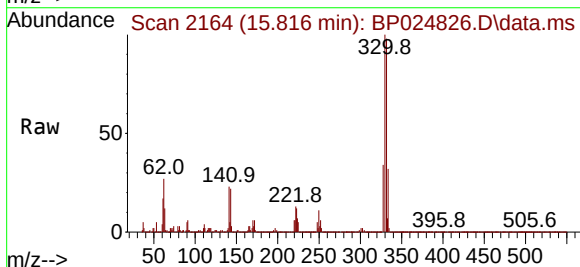
Tgt Ion:330 Resp: 714776

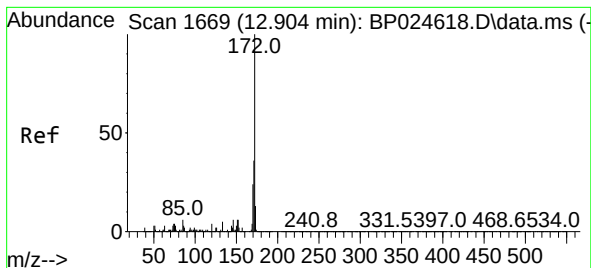
Ion Ratio Lower Upper

330 100

332 97.5 78.2 117.4

141 24.8 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 77.071 ng

RT: 12.892 min Scan# 1

Delta R.T. 0.012 min

Lab File: BP024826.D

Acq: 29 May 2025 12:39

Instrument :

BNA_P

ClientSampleId :

PB168184BL

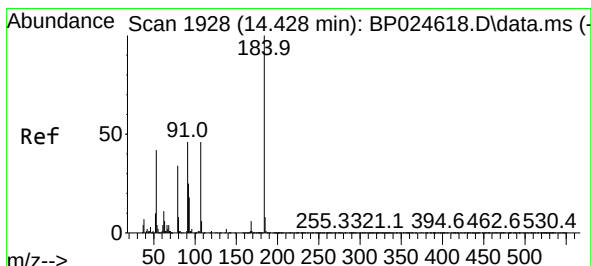
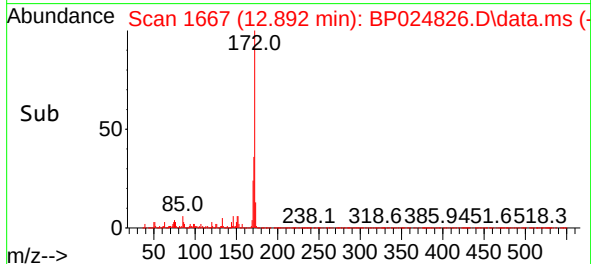
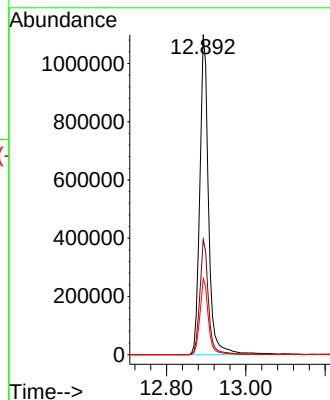
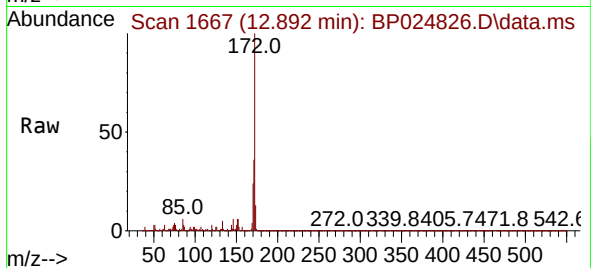
Tgt Ion:172 Resp: 1677653

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.7 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.407 ng

RT: 14.434 min Scan# 1929

Delta R.T. 0.018 min

Lab File: BP024826.D

Acq: 29 May 2025 12:39

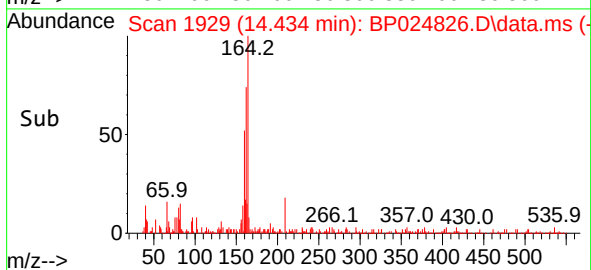
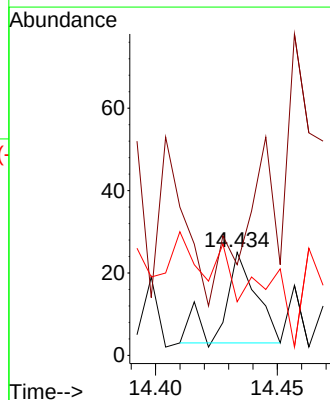
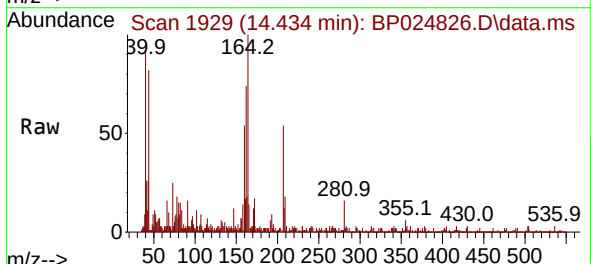
Tgt Ion:184 Resp: 20

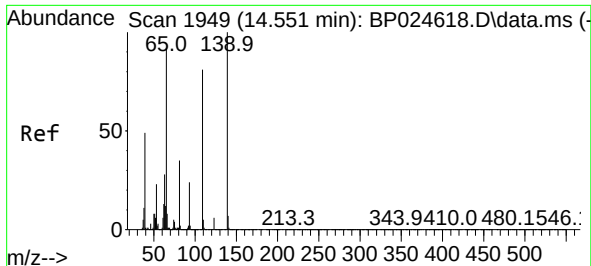
Ion Ratio Lower Upper

184 100

63 52.4 51.3 76.9

154 31.0 53.5 80.3#

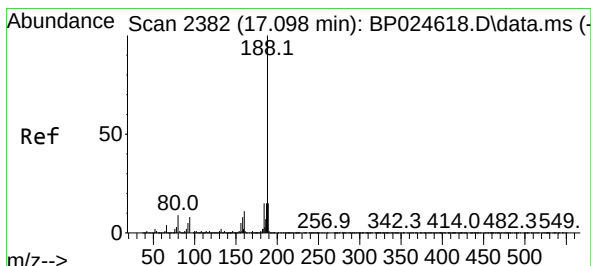
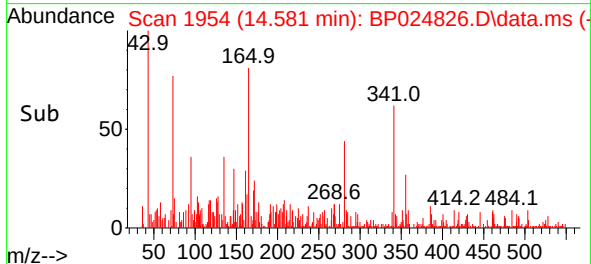
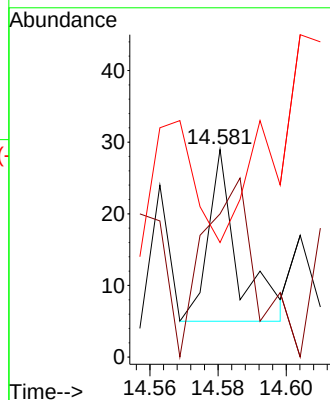
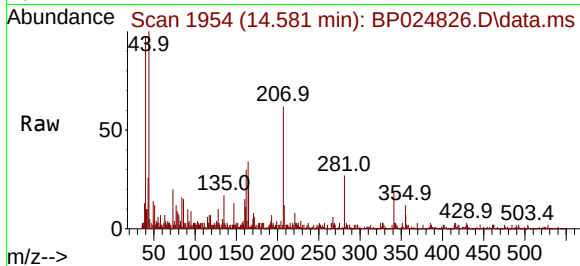




#56
4-Nitrophenol
Concen: 4.237 ng
RT: 14.581 min Scan# 1949
Delta R.T. 0.024 min
Lab File: BP024826.D
Acq: 29 May 2025 12:39

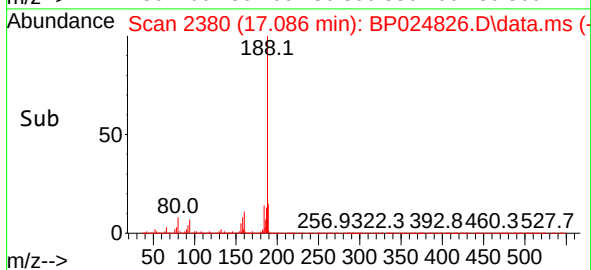
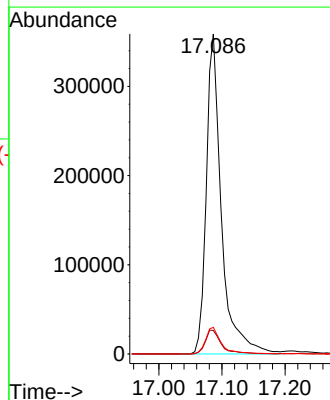
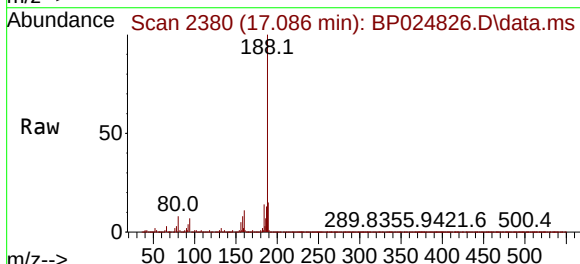
Instrument :
BNA_P
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PB168184BL

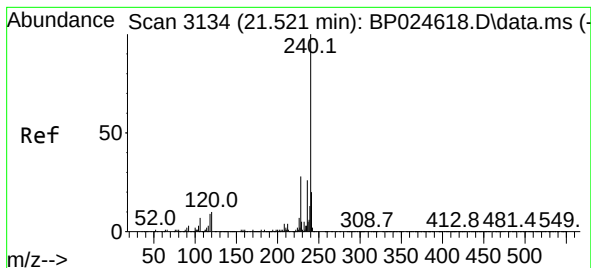
Tgt Ion:139 Resp: 14
Ion Ratio Lower Upper
139 100
109 69.0 61.4 101.4
65 55.2 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.086 min Scan# 2380
Delta R.T. 0.024 min
Lab File: BP024826.D
Acq: 29 May 2025 12:39

Tgt Ion:188 Resp: 596360
Ion Ratio Lower Upper
188 100
94 7.3 6.5 9.7
80 8.3 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 31

Delta R.T. 0.018 min

Lab File: BP024826.D

Acq: 29 May 2025 12:39

Instrument :

BNA_P

ClientSampleId :

PB168184BL

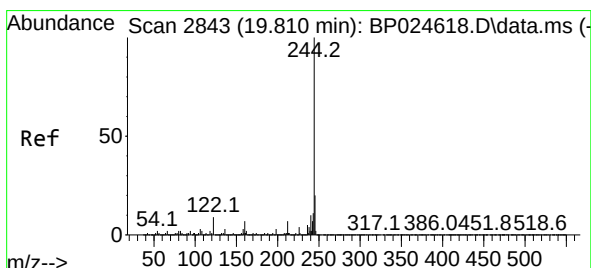
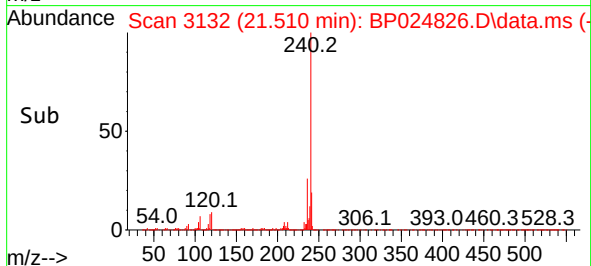
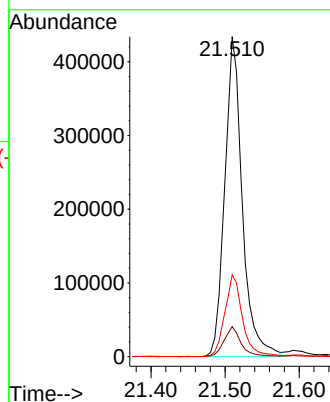
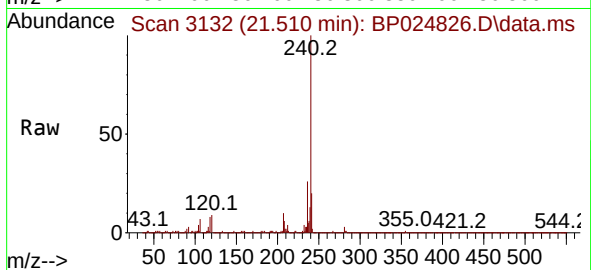
Tgt Ion:240 Resp: 712219

Ion Ratio Lower Upper

240 100

120 9.4 7.8 11.6

236 25.6 20.6 31.0



#79

Terphenyl-d14

Concen: 82.480 ng

RT: 19.798 min Scan# 2841

Delta R.T. 0.012 min

Lab File: BP024826.D

Acq: 29 May 2025 12:39

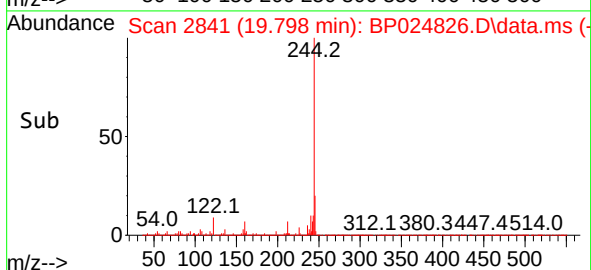
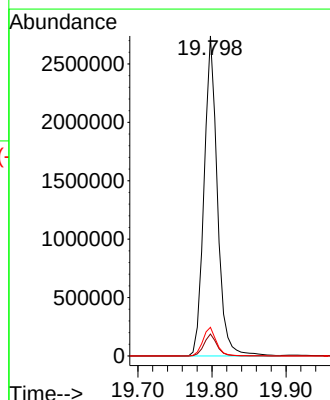
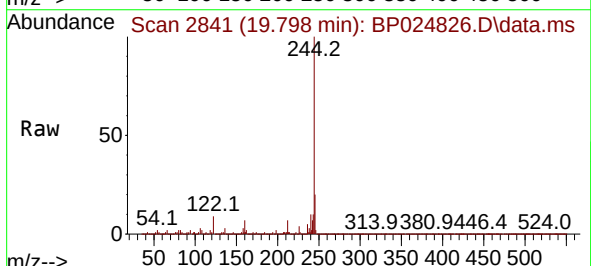
Tgt Ion:244 Resp: 3425905

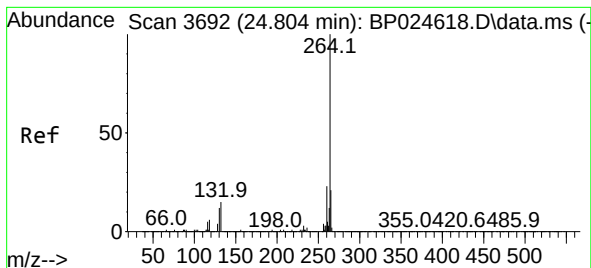
Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 9.0 7.4 11.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.780 min Scan# 30

Delta R.T. 0.035 min

Lab File: BP024826.D

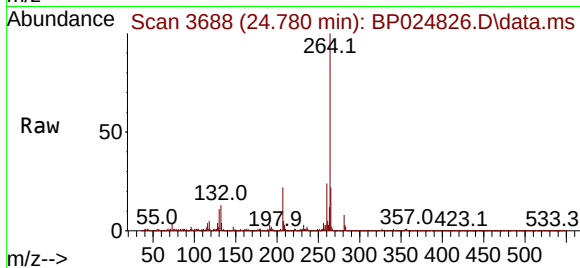
Acq: 29 May 2025 12:39

Instrument :

BNA_P

ClientSampleId :

PB168184BL



Tgt Ion:264 Resp: 911969

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.0 17.0 25.6

