

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
 Data File : BP024623.D
 Acq On : 13 May 2025 18:23
 Operator : RC/JU
 Sample : PB167917TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167917TB

Quant Time: May 13 18:42:51 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)

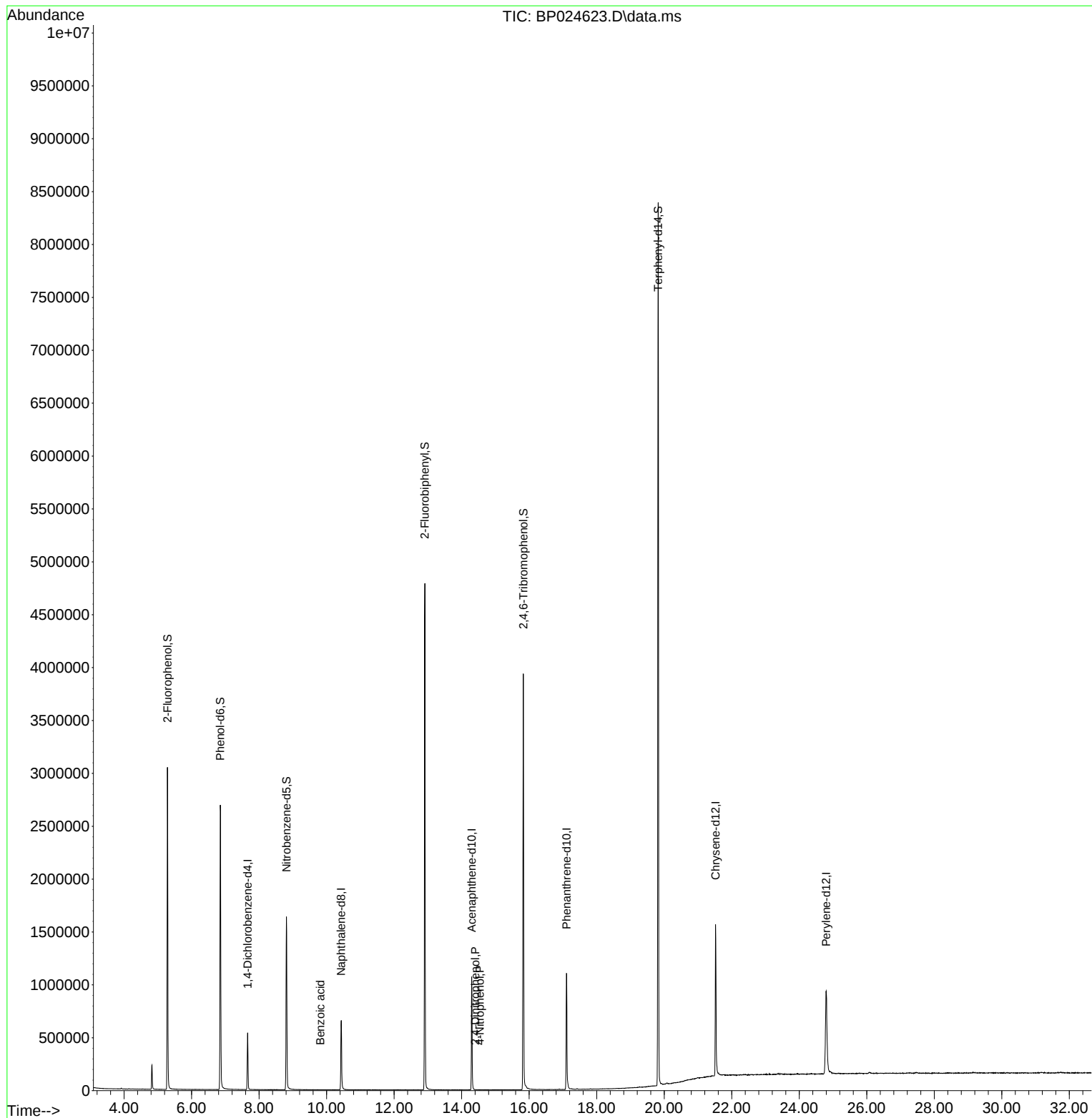
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	144624	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	580786	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	359770	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	742532	20.000	ng	0.00
76) Chrysene-d12	21.522	240	880650	20.000	ng	0.00
86) Perylene-d12	24.798	264	1011858	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	1298575	153.574	ng	0.00
7) Phenol-d6	6.852	99	1579535	146.364	ng	0.00
23) Nitrobenzene-d5	8.810	82	978152	85.096	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	875111	143.481	ng	0.02
45) 2-Fluorobiphenyl	12.910	172	2237317	81.473	ng	0.00
79) Terphenyl-d14	19.822	244	4431248	86.280	ng	0.01
Target Compounds						
						Qvalue
32) Benzoic acid	9.816	122	22	7.471	ng	90
54) 2,4-Dinitrophenol	14.404	184	24	6.407	ng	92
56) 4-Nitrophenol	14.540	139	12	4.236	ng	# 81

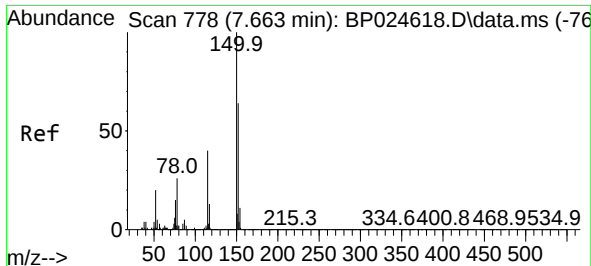
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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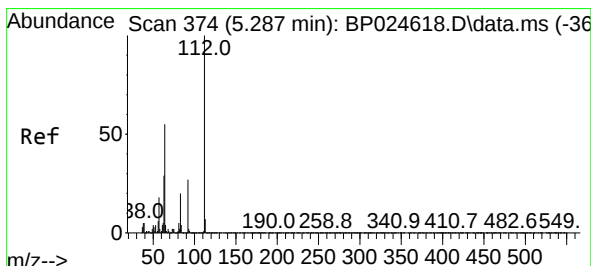
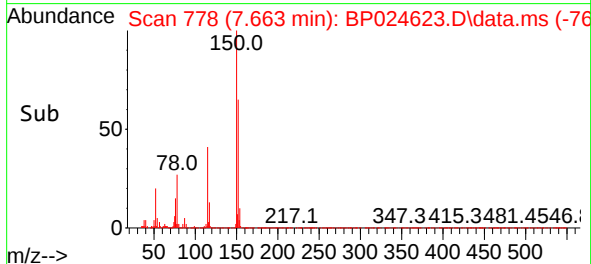
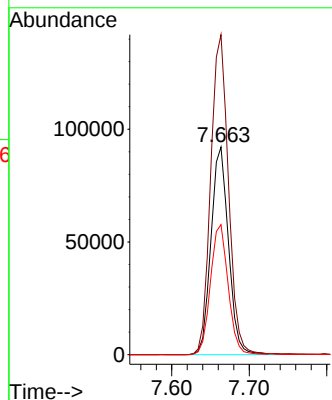
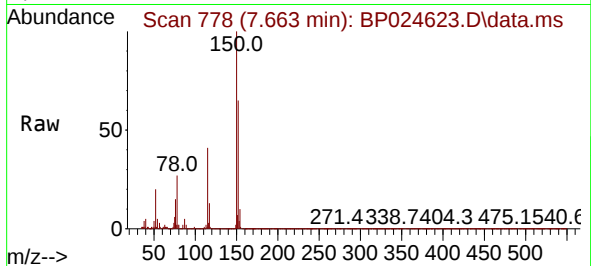




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.663 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024623.D
Acq: 13 May 2025 18:23

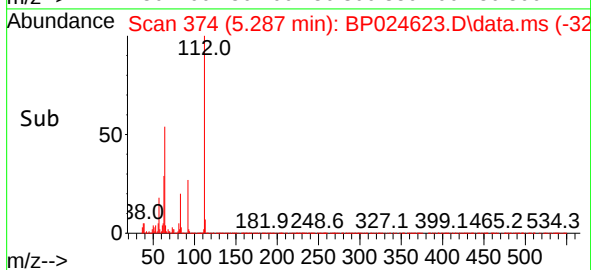
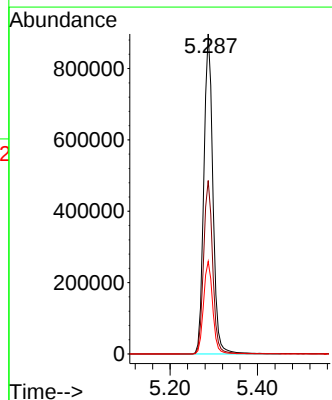
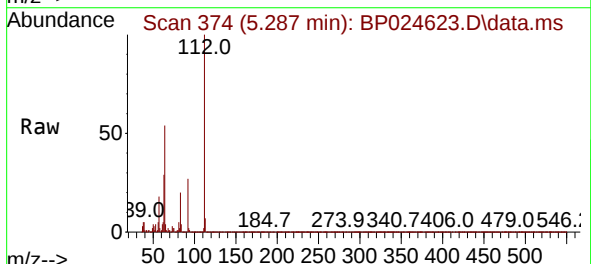
Instrument :
BNA_P
ClientSampleId :
PB167917TB

Tgt Ion:152 Resp: 144624
Ion Ratio Lower Upper
152 100
150 154.1 125.9 188.9
115 62.7 50.1 75.1



#5
2-Fluorophenol
Concen: 153.574 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024623.D
Acq: 13 May 2025 18:23

Tgt Ion:112 Resp: 1298575
Ion Ratio Lower Upper
112 100
64 54.2 44.1 66.1
63 28.9 23.5 35.3



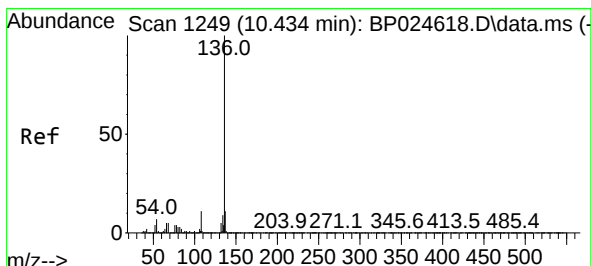
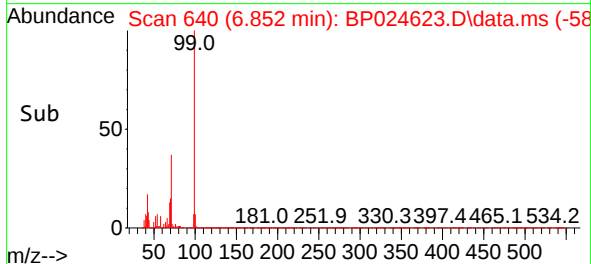
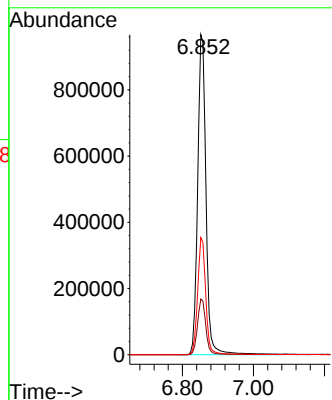
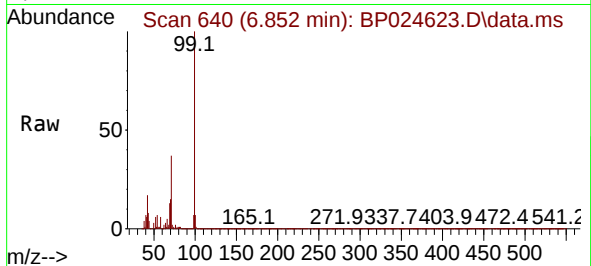


#7
Phenol-d6
Concen: 146.364 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024623.D
Acq: 13 May 2025 18:23

Instrument :
BNA_P
ClientSampleId :
PB167917TB

Tgt Ion: 99 Resp: 1579535

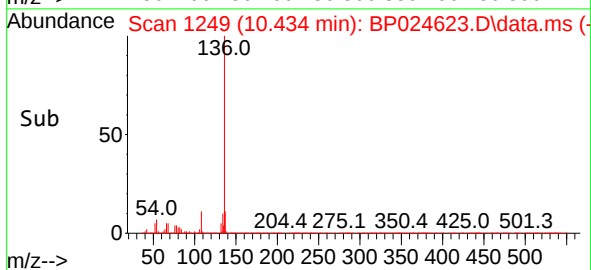
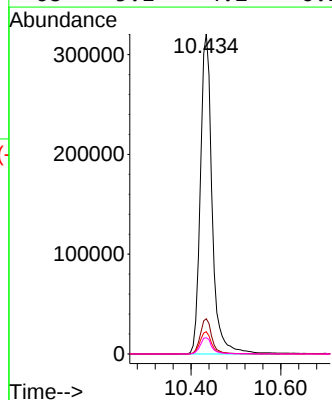
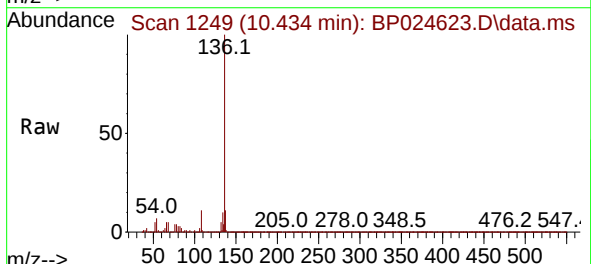
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.4	21.6
71	36.6	29.2	43.8

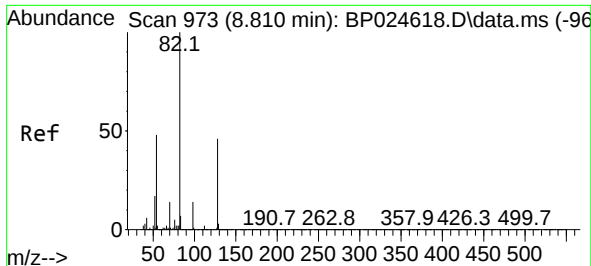


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024623.D
Acq: 13 May 2025 18:23

Tgt Ion: 136 Resp: 580786

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.0	5.5	8.3
68	5.1	4.2	6.2

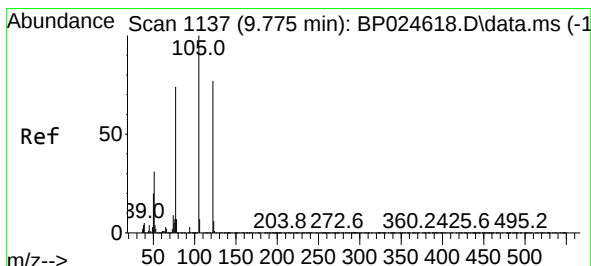
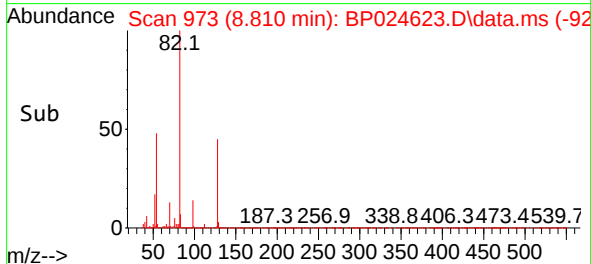
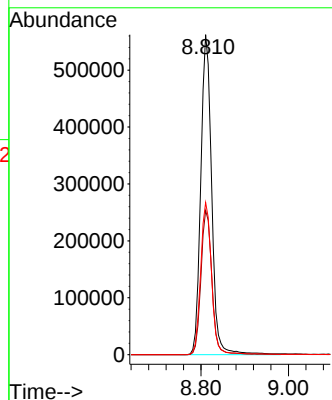
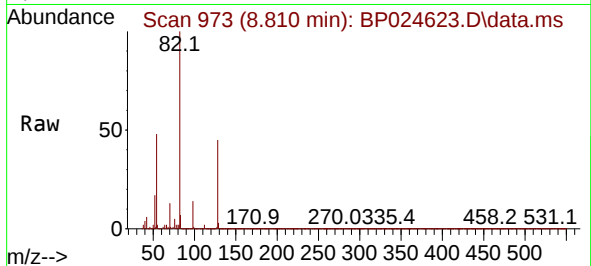




#23
Nitrobenzene-d5
Concen: 85.096 ng
RT: 8.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP024623.D
Acq: 13 May 2025 18:23

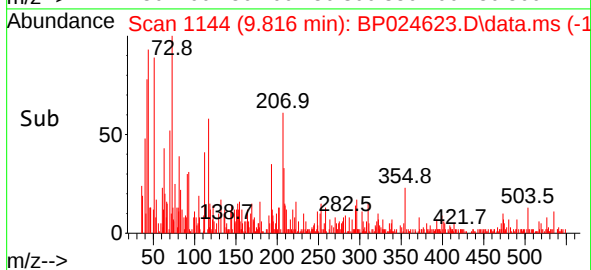
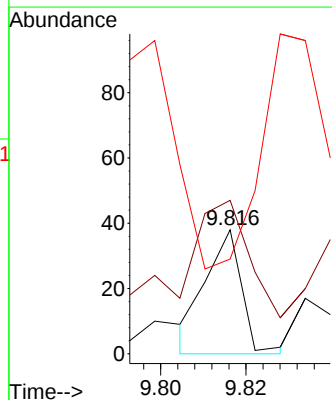
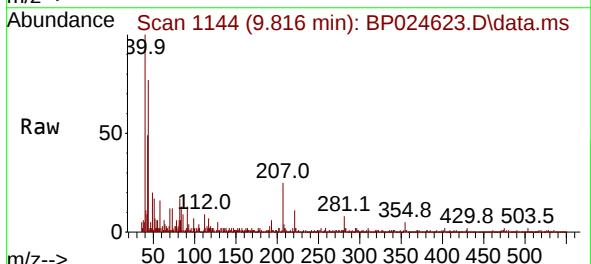
Instrument :
BNA_P
ClientSampleId :
PB167917TB

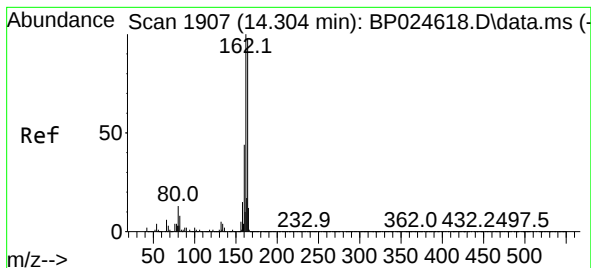
Tgt Ion: 82 Resp: 978152
Ion Ratio Lower Upper
82 100
128 45.1 37.0 55.4
54 47.6 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.816 min Scan# 1144
Delta R.T. 0.041 min
Lab File: BP024623.D
Acq: 13 May 2025 18:23

Tgt Ion: 122 Resp: 22
Ion Ratio Lower Upper
122 100
105 123.7 106.9 146.9
77 76.3 75.1 115.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.298 min Scan# 1906

Delta R.T. -0.006 min

Lab File: BP024623.D

Acq: 13 May 2025 18:23

Instrument :

BNA_P

ClientSampleId :

PB167917TB

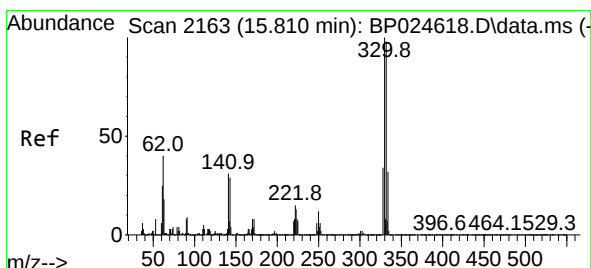
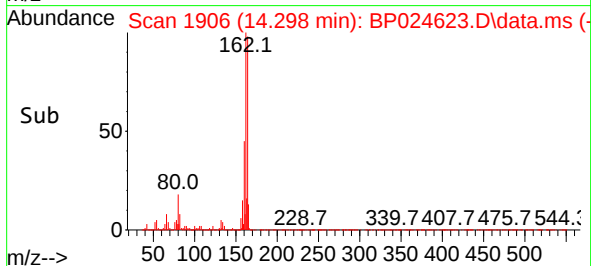
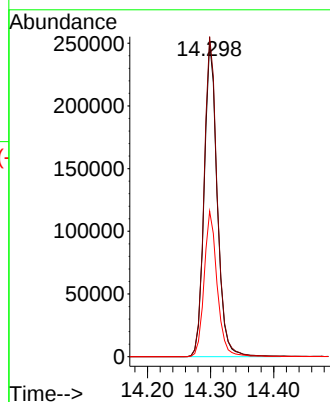
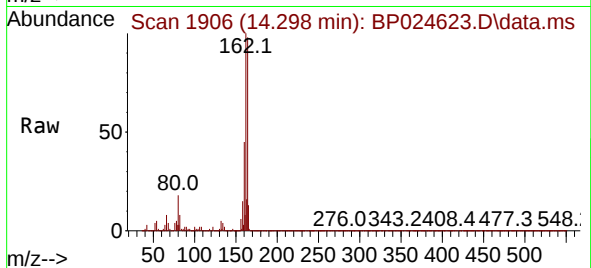
Tgt Ion:164 Resp: 359770

Ion Ratio Lower Upper

164 100

162 101.7 81.8 122.6

160 46.2 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 143.481 ng

RT: 15.828 min Scan# 2166

Delta R.T. 0.018 min

Lab File: BP024623.D

Acq: 13 May 2025 18:23

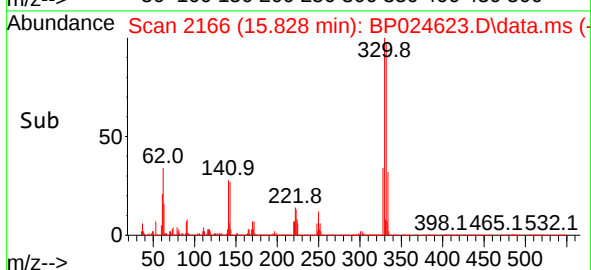
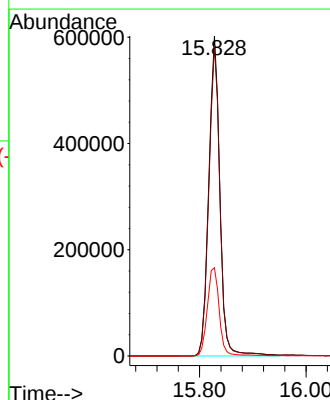
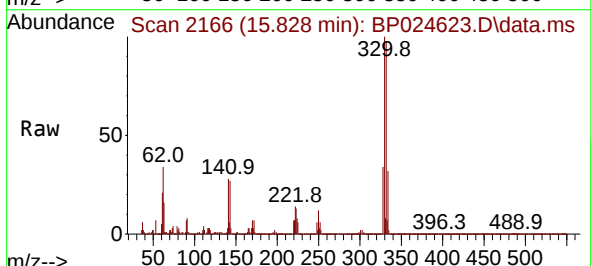
Tgt Ion:330 Resp: 875111

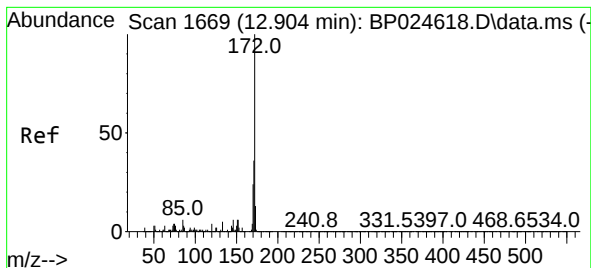
Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.4

141 29.8 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 81.473 ng

RT: 12.910 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP024623.D

Acq: 13 May 2025 18:23

Instrument :

BNA_P

ClientSampleId :

PB167917TB

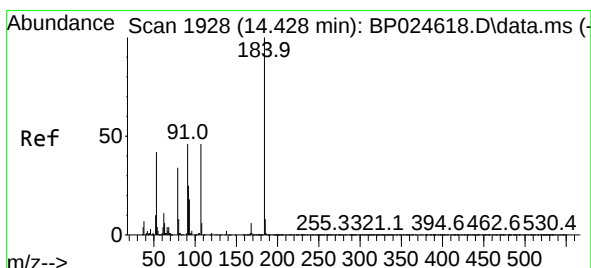
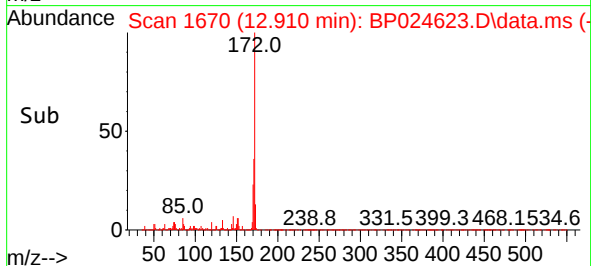
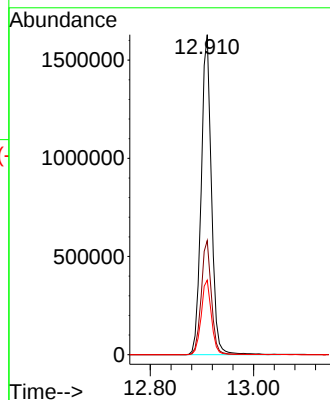
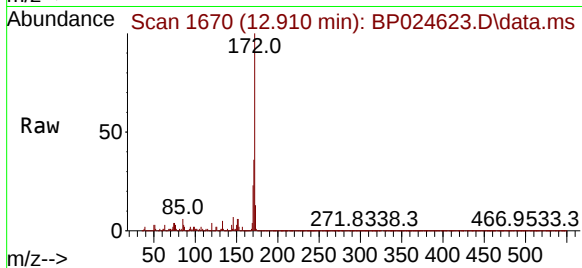
Tgt Ion:172 Resp: 2237317

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.3 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.407 ng

RT: 14.404 min Scan# 1924

Delta R.T. -0.024 min

Lab File: BP024623.D

Acq: 13 May 2025 18:23

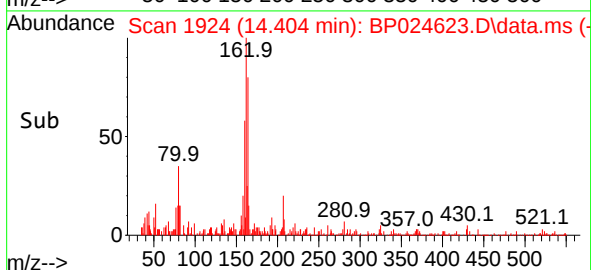
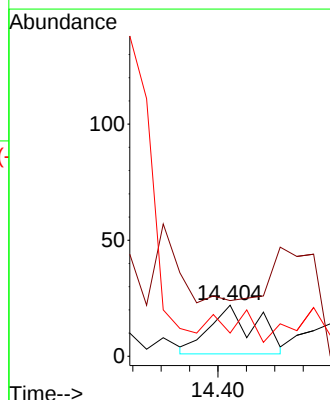
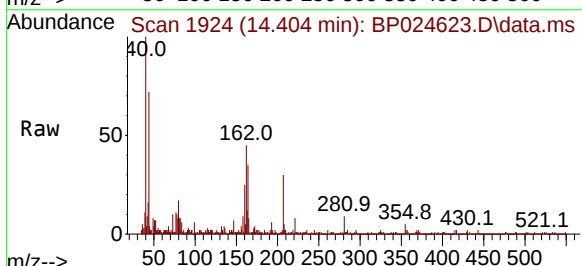
Tgt Ion:184 Resp: 24

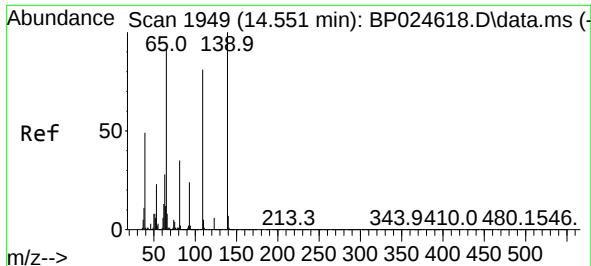
Ion Ratio Lower Upper

184 100

63 70.6 51.3 76.9

154 73.5 53.5 80.3

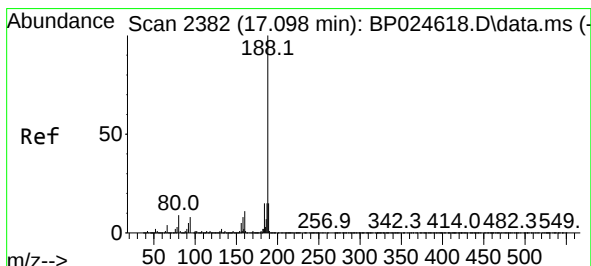
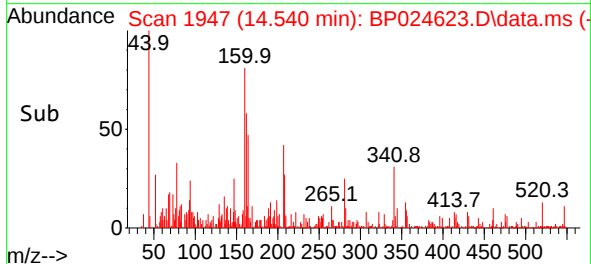
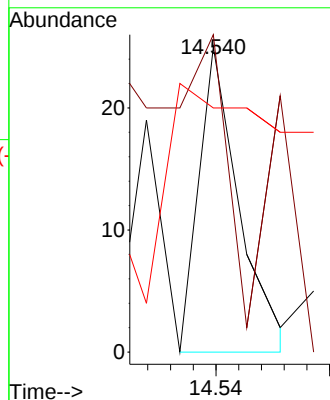
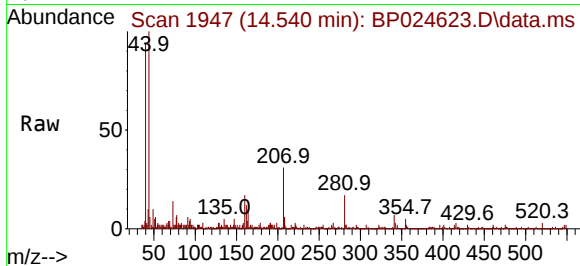




#56
4-Nitrophenol
Concen: 4.236 ng
RT: 14.540 min Scan# 1949
Delta R.T. -0.011 min
Lab File: BP024623.D
Acq: 13 May 2025 18:23

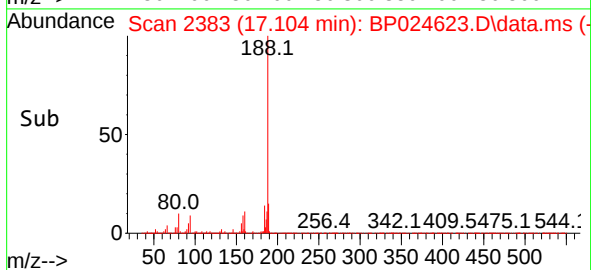
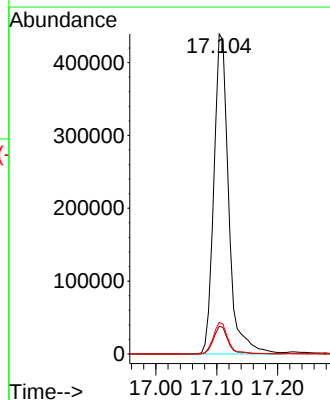
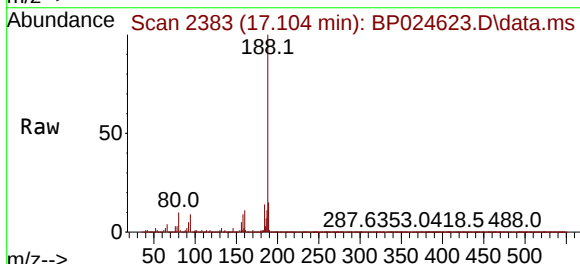
Instrument :
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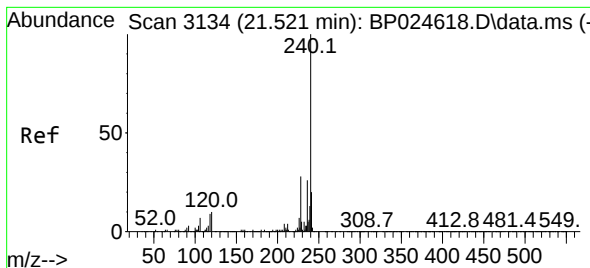
Tgt Ion:139 Resp: 12
Ion Ratio Lower Upper
139 100
109 104.0 61.4 101.4#
65 80.0 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.006 min
Lab File: BP024623.D
Acq: 13 May 2025 18:23

Tgt Ion:188 Resp: 742532
Ion Ratio Lower Upper
188 100
94 8.7 6.5 9.7
80 9.9 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.522 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP024623.D

Acq: 13 May 2025 18:23

Instrument :

BNA_P

ClientSampleId :

PB167917TB

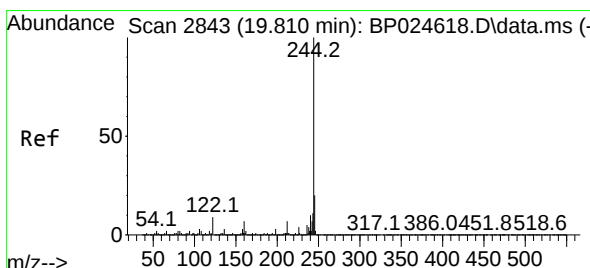
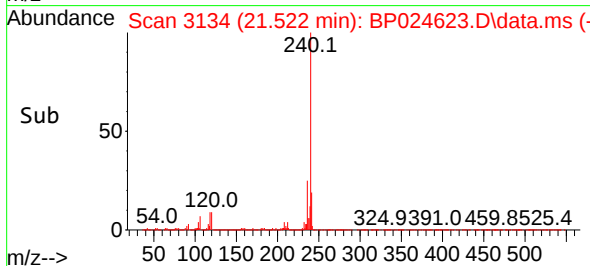
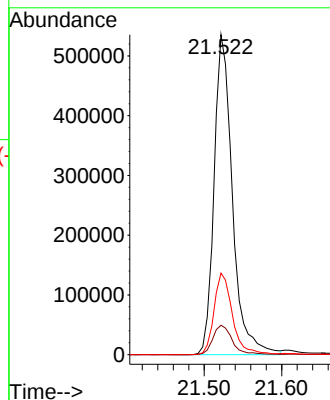
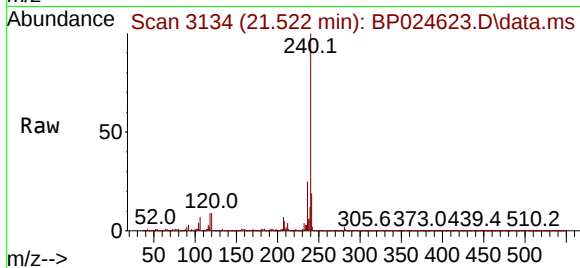
Tgt Ion:240 Resp: 880650

Ion Ratio Lower Upper

240 100

120 9.2 7.8 11.6

236 25.5 20.6 31.0



#79

Terphenyl-d14

Concen: 86.280 ng

RT: 19.822 min Scan# 2845

Delta R.T. 0.012 min

Lab File: BP024623.D

Acq: 13 May 2025 18:23

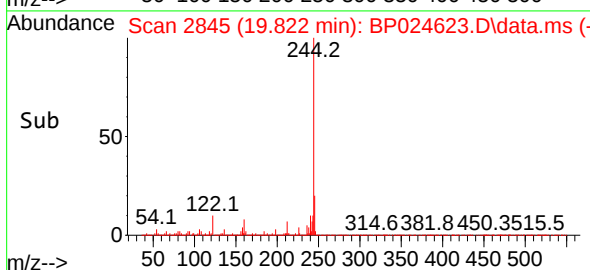
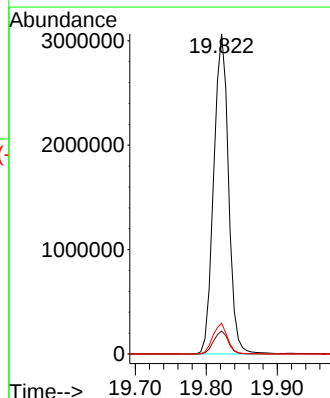
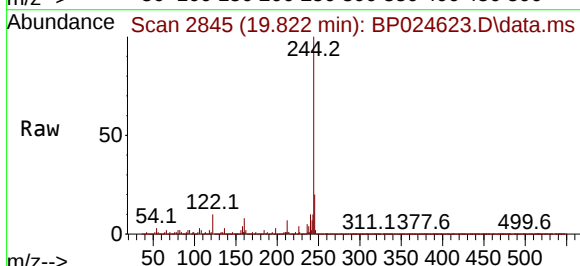
Tgt Ion:244 Resp: 4431248

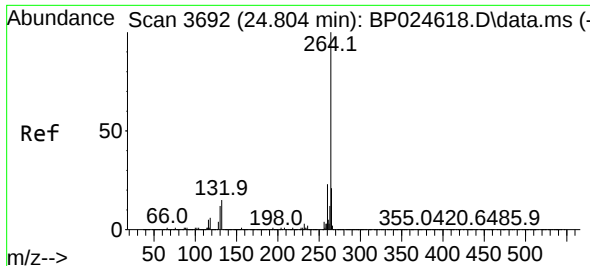
Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 9.6 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BP024623.D
 Acq: 13 May 2025 18:23

Instrument :
 BNA_P
 ClientSampleId :
 PB167917TB

Tgt Ion:264 Resp: 1011858
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 22.0 17.0 25.6

