

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024670.D
 Acq On : 17 May 2025 00:29
 Operator : RC/JU
 Sample : PB167994TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167994TB

Quant Time: May 17 03:40:39 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)

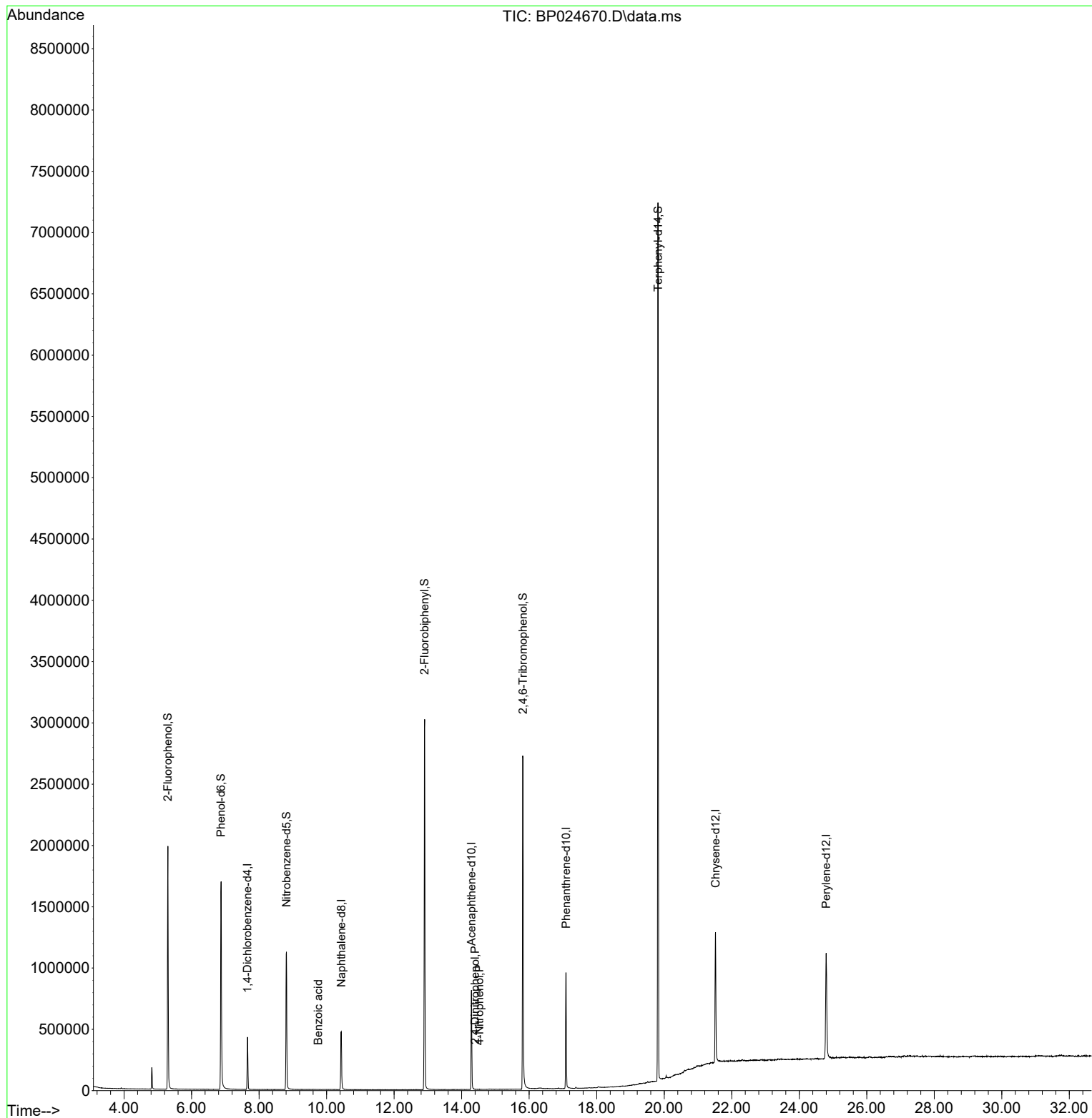
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	116197	20.000	ng	0.00
21) Naphthalene-d8	10.434	136	458489	20.000	ng	0.00
39) Acenaphthene-d10	14.292	164	292863	20.000	ng	-0.01
64) Phenanthrene-d10	17.092	188	588603	20.000	ng	0.00
76) Chrysene-d12	21.521	240	710936	20.000	ng	0.00
86) Perylene-d12	24.798	264	834201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.299	112	907833	133.629	ng	0.01
7) Phenol-d6	6.875	99	1119124	129.071	ng	0.02
23) Nitrobenzene-d5	8.810	82	673162	74.184	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	669725	134.893	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1624400	72.668	ng	0.00
79) Terphenyl-d14	19.816	244	3454852	83.327	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.751	122	38	7.475	ng	# 1
54) 2,4-Dinitrophenol	14.392	184	10	6.404	ng	# 17
56) 4-Nitrophenol	14.522	139	11	4.237	ng	# 61

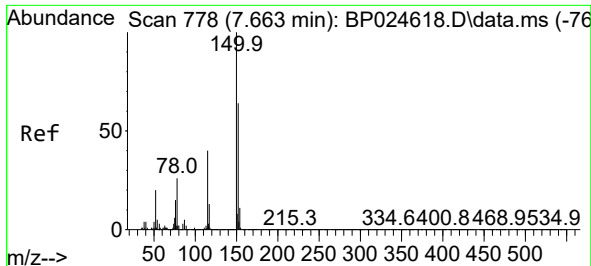
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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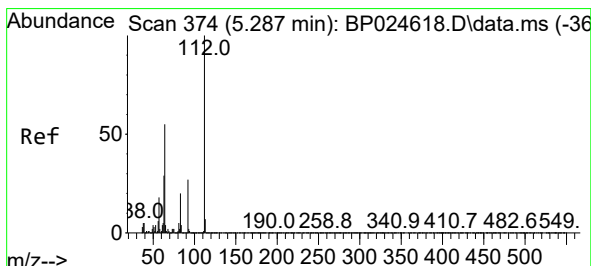
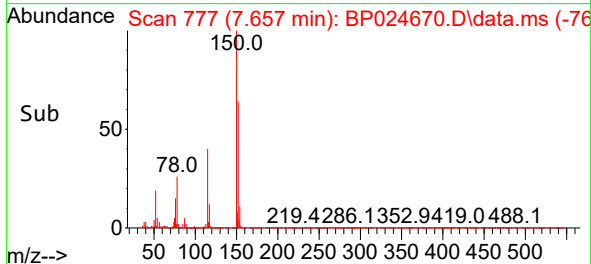
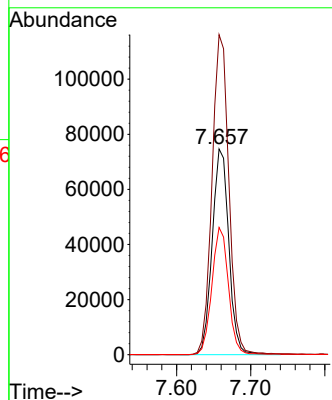
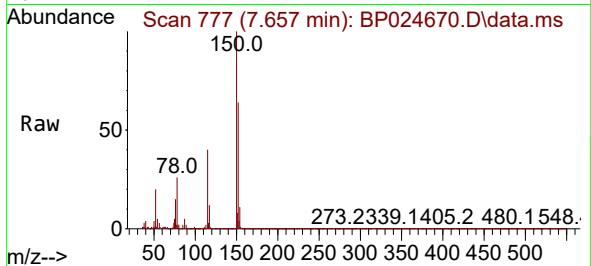




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

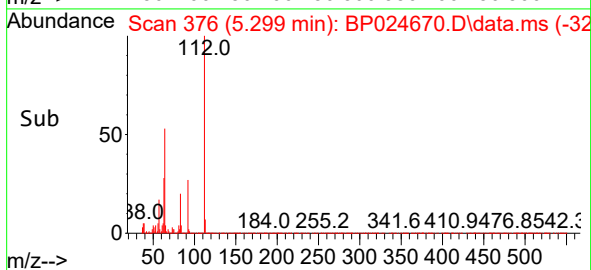
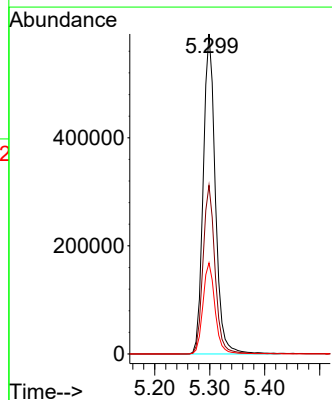
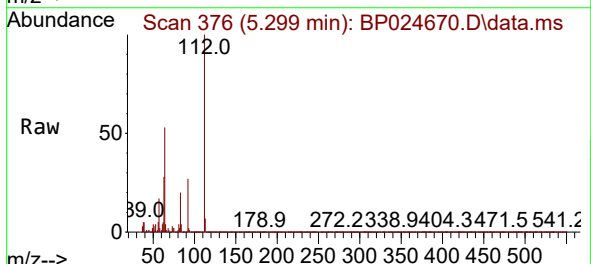
Instrument :
BNA_P
ClientSampleId :
PB167994TB

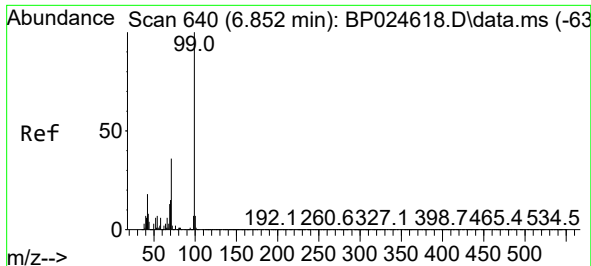
Tgt Ion:152 Resp: 116197
Ion Ratio Lower Upper
152 100
150 155.5 125.9 188.9
115 61.9 50.1 75.1



#5
2-Fluorophenol
Concen: 133.629 ng
RT: 5.299 min Scan# 376
Delta R.T. 0.012 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Tgt Ion:112 Resp: 907833
Ion Ratio Lower Upper
112 100
64 52.7 44.1 66.1
63 28.4 23.5 35.3

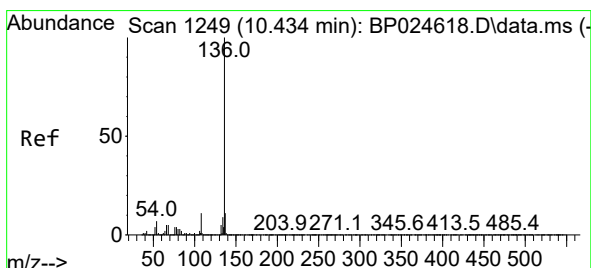
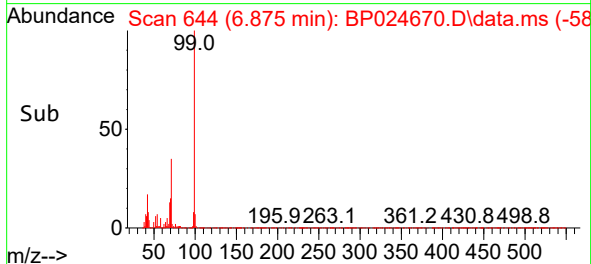
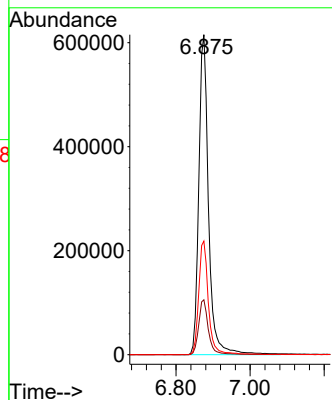
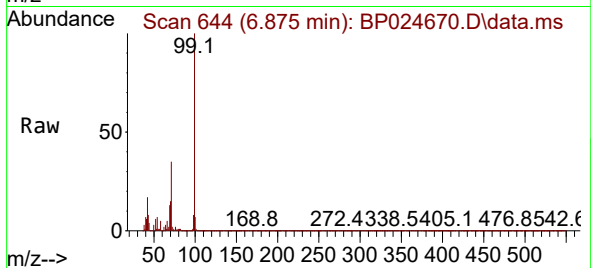




#7
Phenol-d6
Concen: 129.071 ng
RT: 6.875 min Scan# 64
Delta R.T. 0.023 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

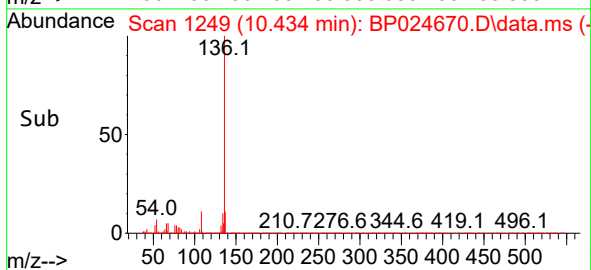
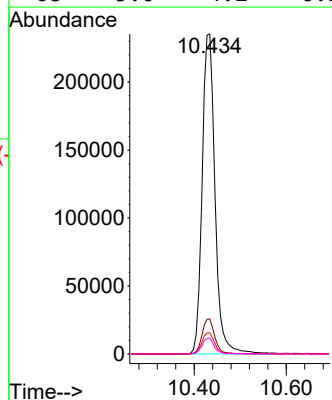
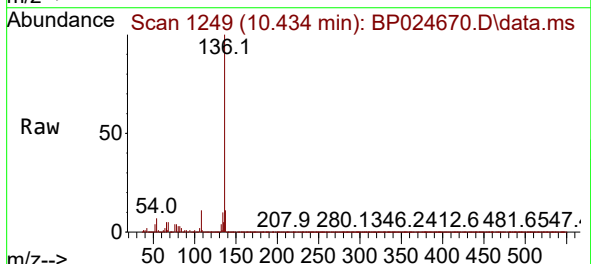
Instrument :
BNA_P
ClientSampleId :
PB167994TB

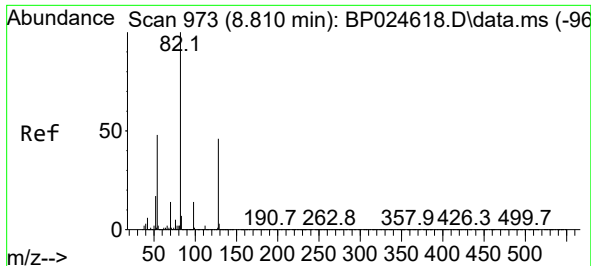
Tgt Ion: 99 Resp: 1119124
Ion Ratio Lower Upper
99 100
42 17.1 14.4 21.6
71 35.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.434 min Scan# 1249
Delta R.T. -0.000 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Tgt Ion:136 Resp: 458489
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.5 8.3
68 5.0 4.2 6.2

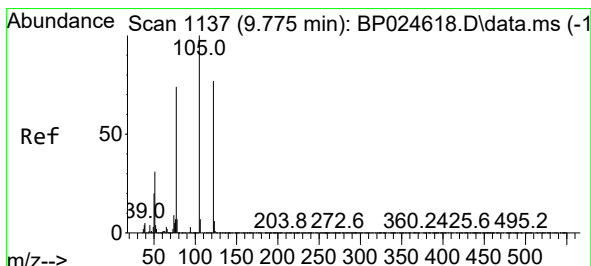
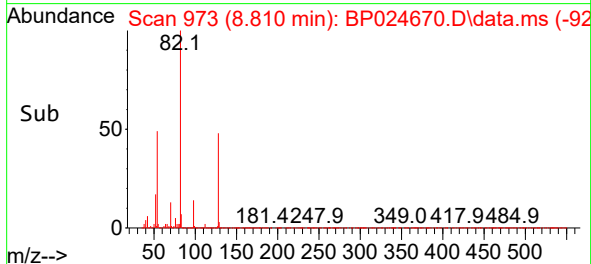
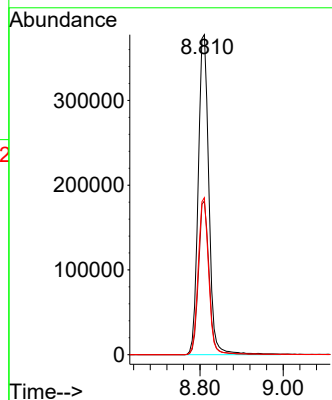
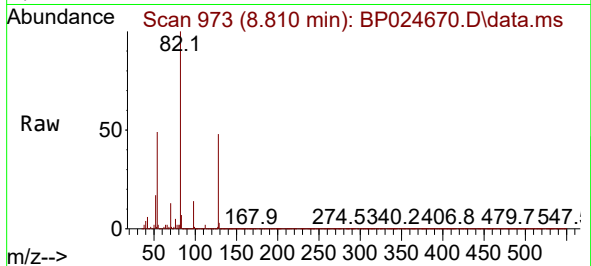




#23
Nitrobenzene-d5
Concen: 74.184 ng
RT: 8.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

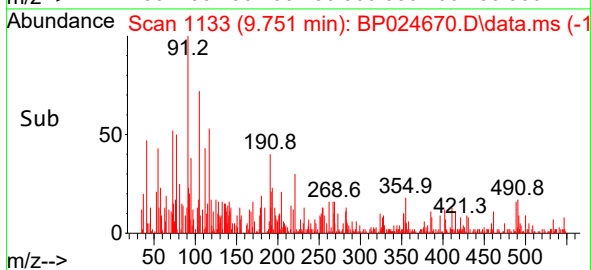
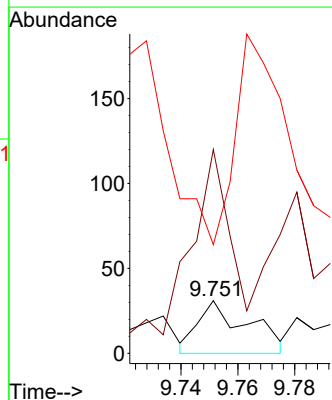
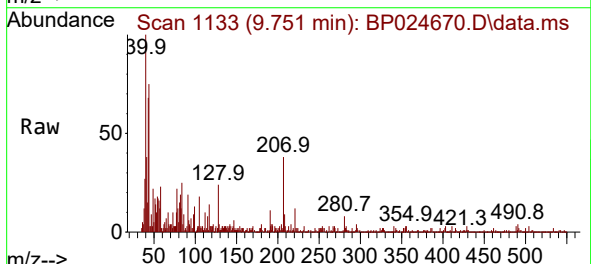
Instrument :
BNA_P
ClientSampleId :
PB167994TB

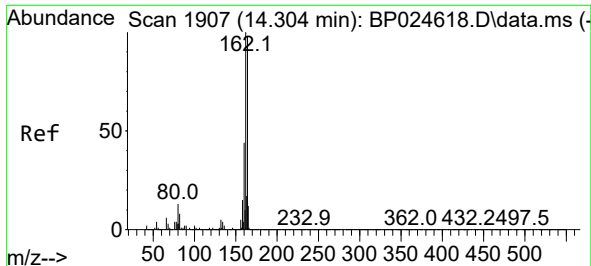
Tgt Ion: 82 Resp: 673162
Ion Ratio Lower Upper
82 100
128 48.0 37.0 55.4
54 49.1 38.7 58.1



#32
Benzoic acid
Concen: 7.475 ng
RT: 9.751 min Scan# 1133
Delta R.T. -0.024 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Tgt Ion: 122 Resp: 38
Ion Ratio Lower Upper
122 100
105 387.1 106.9 146.9#
77 206.5 75.1 115.1#

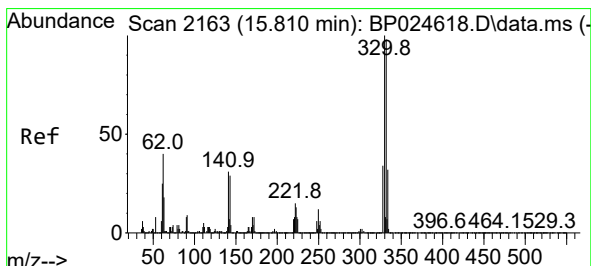
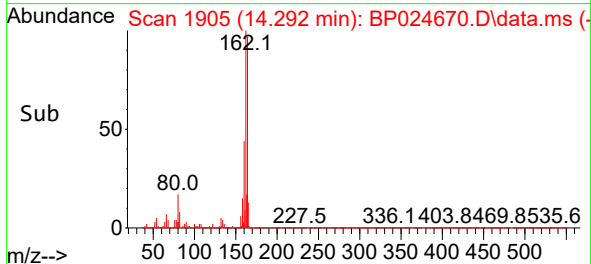
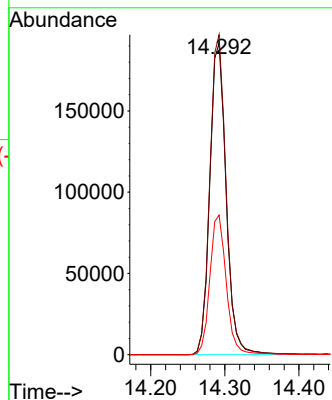
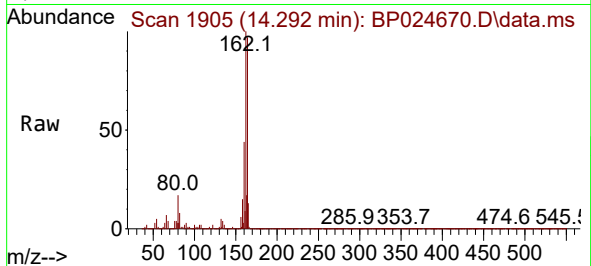




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.292 min Scan# 1905
Delta R.T. -0.012 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

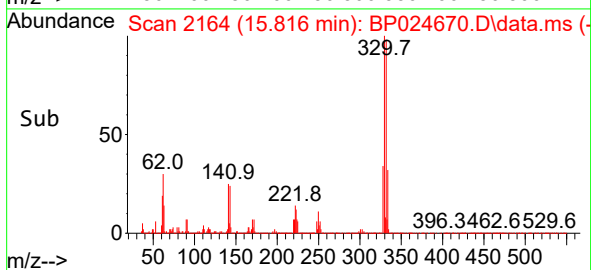
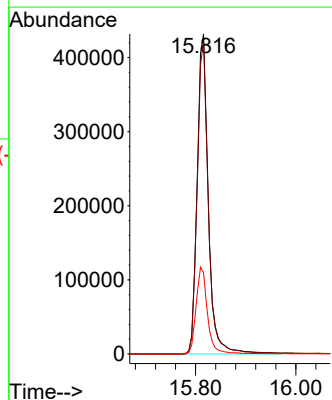
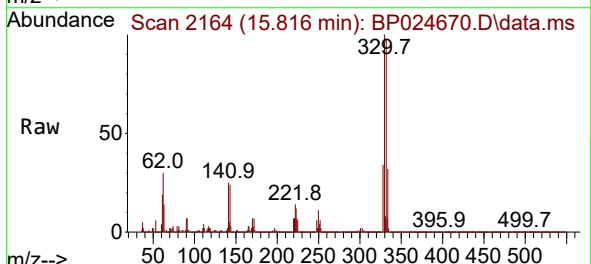
Instrument :
BNA_P
ClientSampleId :
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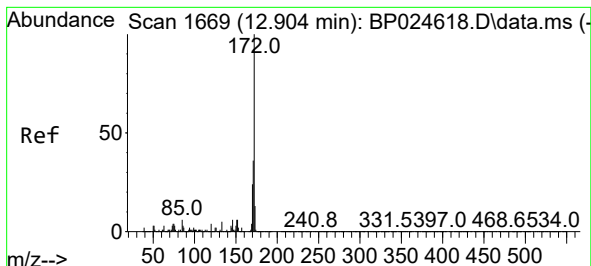
Tgt Ion:164 Resp: 292863
Ion Ratio Lower Upper
164 100
162 102.7 81.8 122.6
160 44.8 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 134.893 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.006 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Tgt Ion:330 Resp: 669725
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 27.7 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 72.668 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024670.D

Acq: 17 May 2025 00:29

Instrument :

BNA_P

ClientSampleId :

PB167994TB

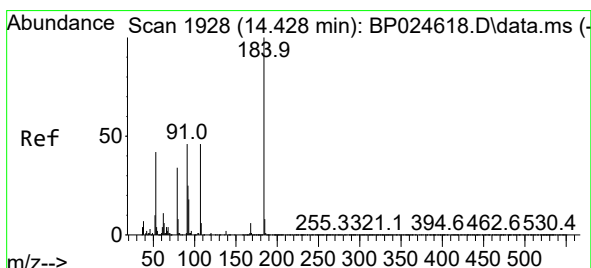
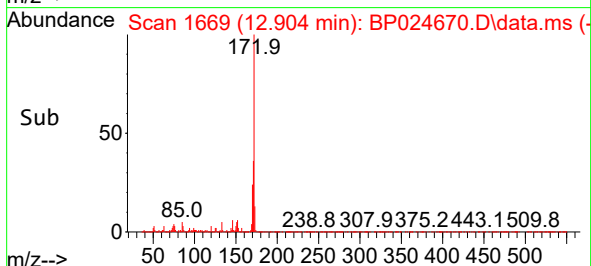
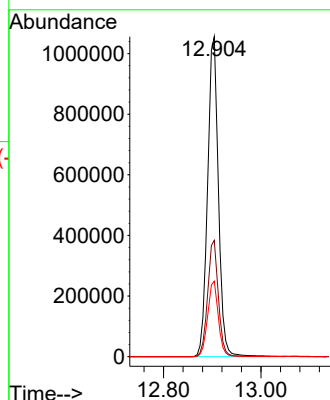
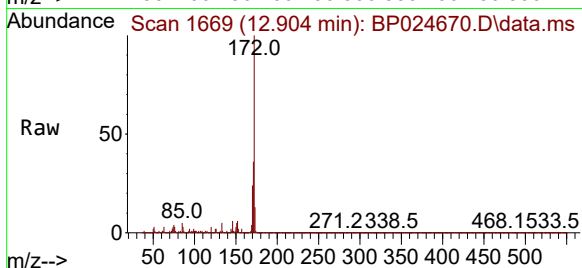
Tgt Ion:172 Resp: 1624400

Ion Ratio Lower Upper

172 100

171 36.4 28.8 43.2

170 23.6 18.8 28.2



#54

2,4-Dinitrophenol

Concen: 6.404 ng

RT: 14.392 min Scan# 1922

Delta R.T. -0.036 min

Lab File: BP024670.D

Acq: 17 May 2025 00:29

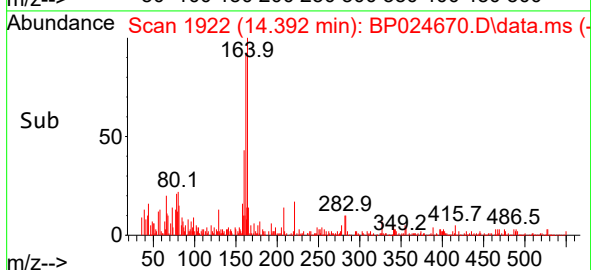
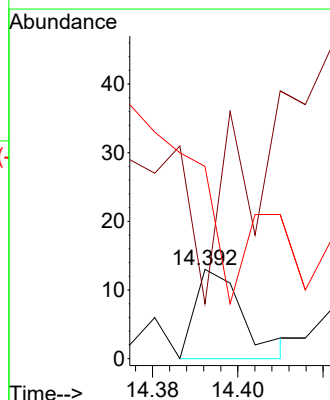
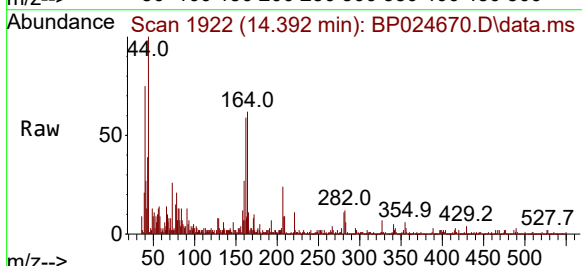
Tgt Ion:184 Resp: 10

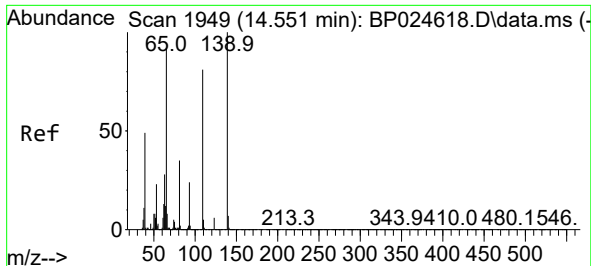
Ion Ratio Lower Upper

184 100

63 53.3 51.3 76.9

154 186.7 53.5 80.3#

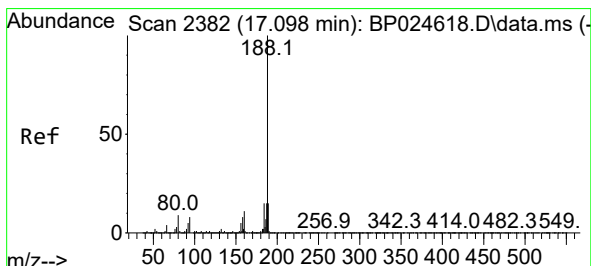
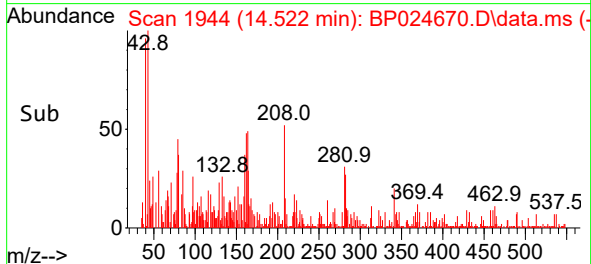
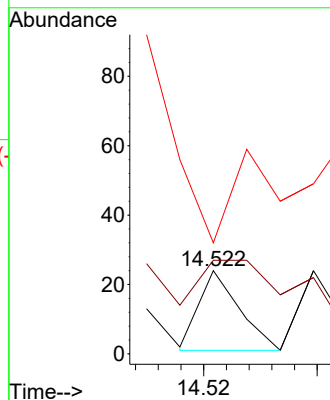
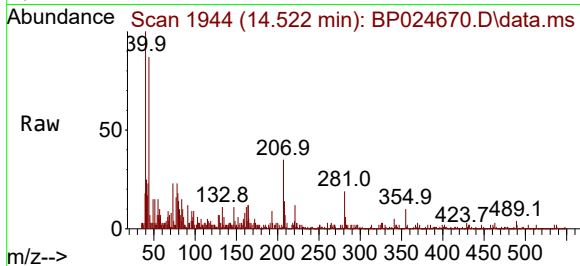




#56
4-Nitrophenol
Concen: 4.237 ng
RT: 14.522 min Scan# 1949
Delta R.T. -0.029 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

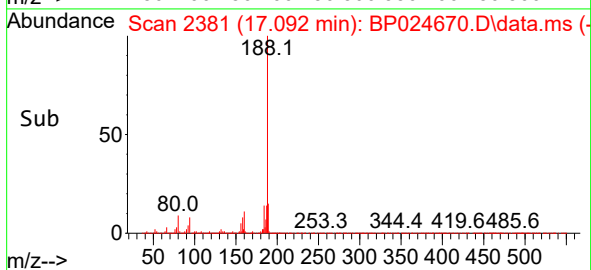
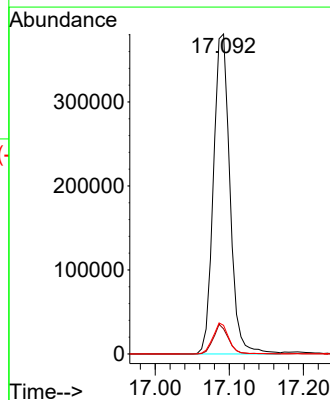
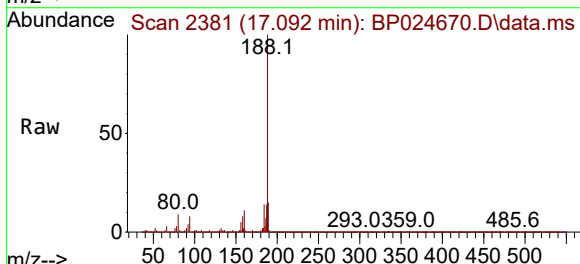
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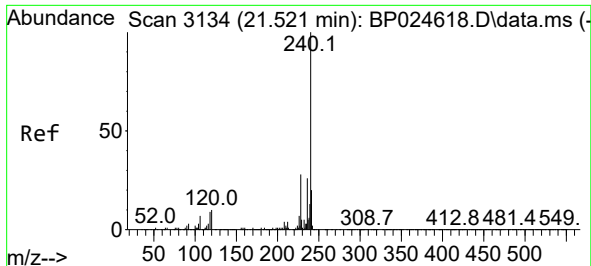
Tgt Ion:139 Resp: 11
Ion Ratio Lower Upper
139 100
109 112.5 61.4 101.4#
65 133.3 72.2 112.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Tgt Ion:188 Resp: 588603
Ion Ratio Lower Upper
188 100
94 7.9 6.5 9.7
80 9.0 7.3 10.9

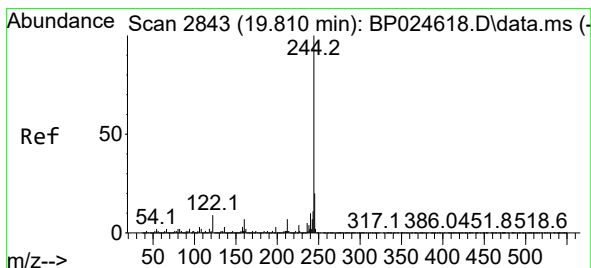
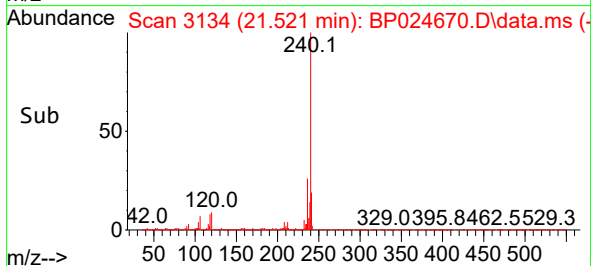
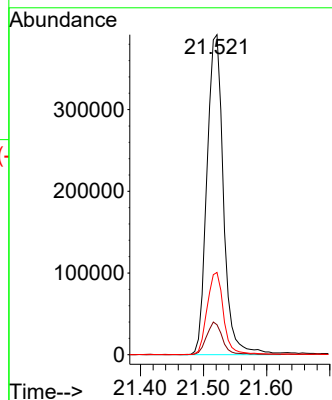
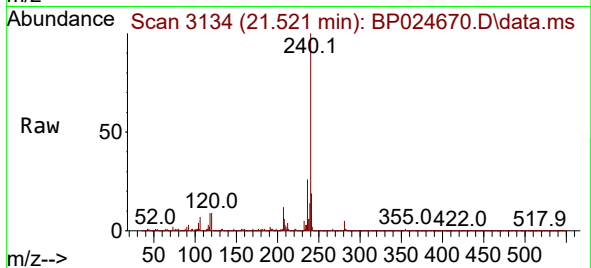




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

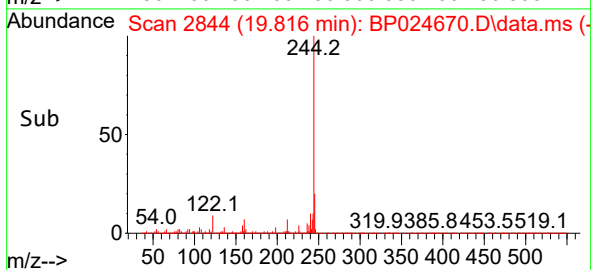
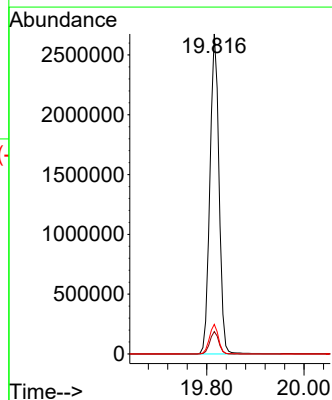
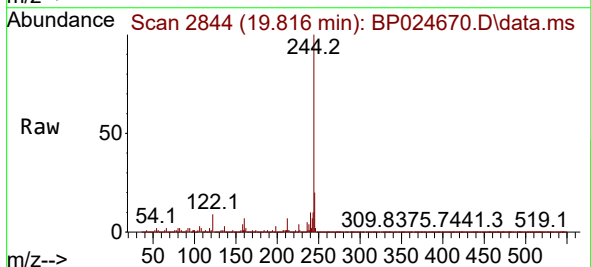
Instrument :
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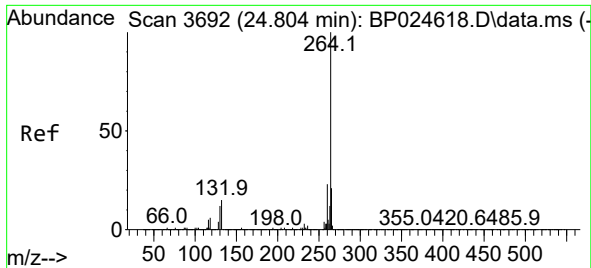
Tgt Ion:240 Resp: 710936
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.7 20.6 31.0



#79
Terphenyl-d14
Concen: 83.327 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BP024670.D
Acq: 17 May 2025 00:29

Tgt Ion:244 Resp: 3454852
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.3 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: BP024670.D
 Acq: 17 May 2025 00:29

Instrument :
 BNA_P
 ClientSampleId :
 PB167994TB

Tgt Ion:264 Resp: 834201
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.7 17.0 25.6

