

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051625\
 Data File : BP024655.D
 Acq On : 16 May 2025 13:33
 Operator : RC/JU
 Sample : PB168019BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168019BL

Quant Time: May 16 13:53:03 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)

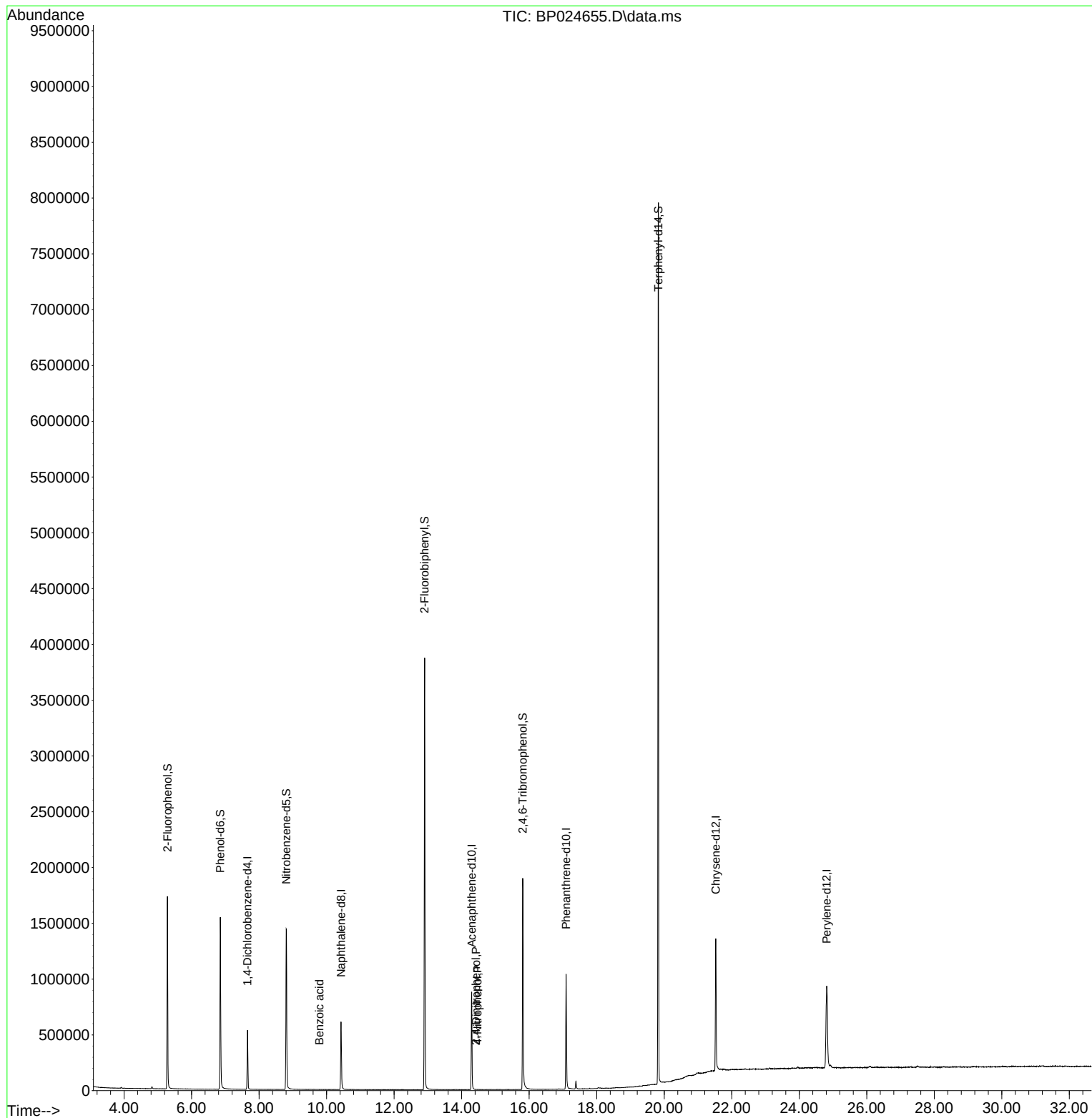
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	140246	20.000	ng	0.00
21) Naphthalene-d8	10.428	136	531421	20.000	ng	0.00
39) Acenaphthene-d10	14.298	164	317417	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	644830	20.000	ng	0.00
76) Chrysene-d12	21.528	240	773135	20.000	ng	0.00
86) Perylene-d12	24.810	264	912833	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	772236	94.178	ng	0.00
7) Phenol-d6	6.852	99	915011	87.434	ng	0.00
23) Nitrobenzene-d5	8.805	82	855484	81.338	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	471548	87.630	ng	0.00
45) 2-Fluorobiphenyl	12.904	172	1998040	82.468	ng	0.00
79) Terphenyl-d14	19.828	244	3962461	87.881	ng	0.02
Target Compounds						
						Qvalue
32) Benzoic acid	9.787	122	12	7.470	ng	# 1
54) 2,4-Dinitrophenol	14.428	184	25	6.408	ng	# 32
56) 4-Nitrophenol	14.469	139	12	4.237	ng	89

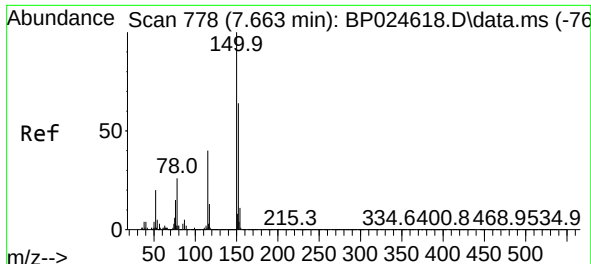
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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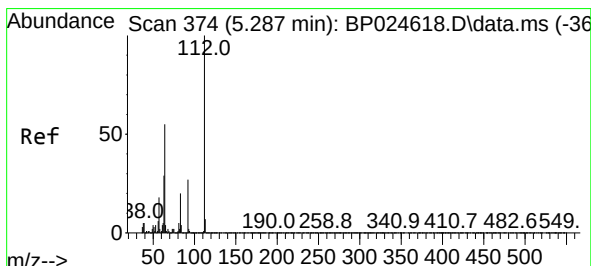
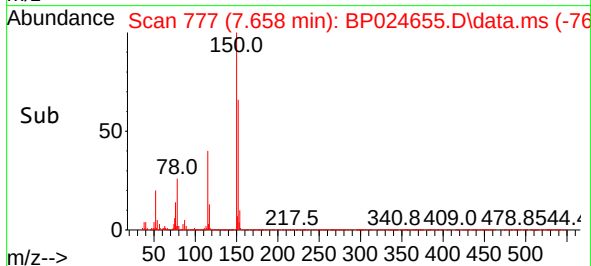
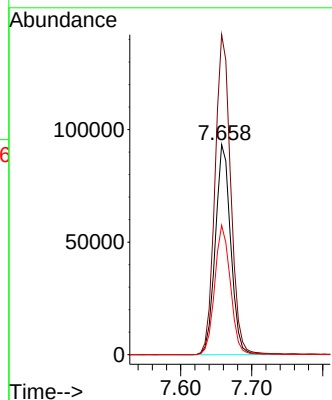
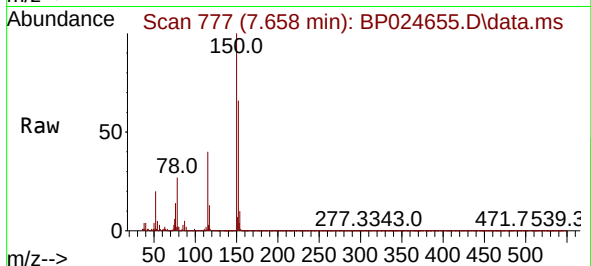




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.658 min Scan# 71
Delta R.T. -0.005 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

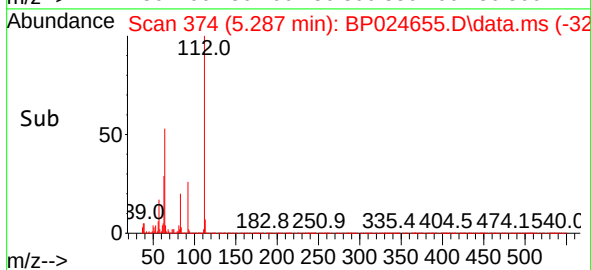
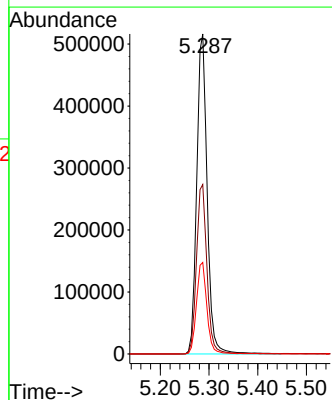
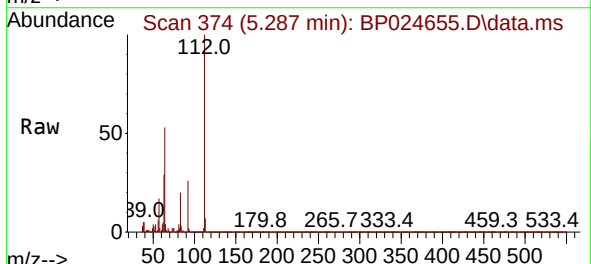
Instrument :
BNA_P
ClientSampleId :
PB168019BL

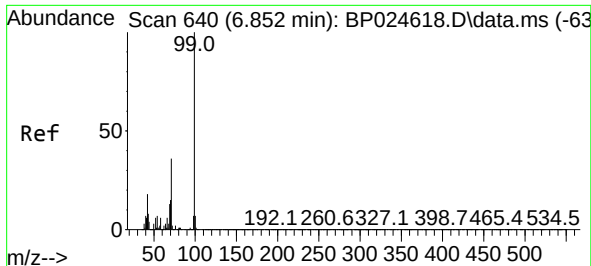
Tgt Ion:152 Resp: 140246
Ion Ratio Lower Upper
152 100
150 152.3 125.9 188.9
115 61.6 50.1 75.1



#5
2-Fluorophenol
Concen: 94.178 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Tgt Ion:112 Resp: 772236
Ion Ratio Lower Upper
112 100
64 53.0 44.1 66.1
63 28.6 23.5 35.3

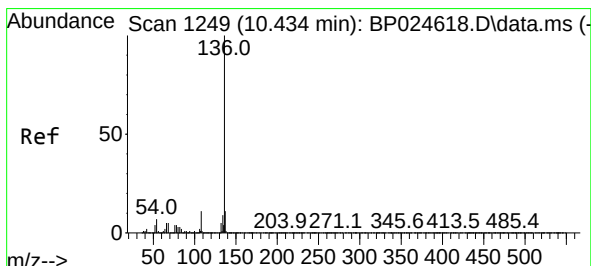
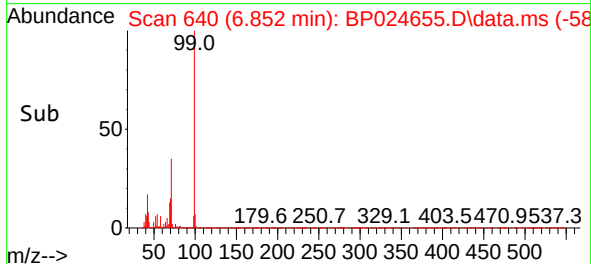
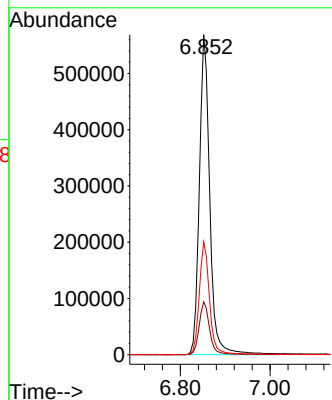
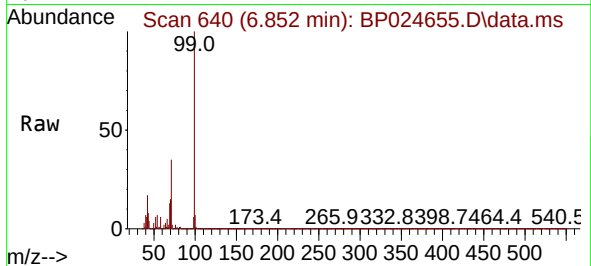




#7
Phenol-d6
Concen: 87.434 ng
RT: 6.852 min Scan# 640
Delta R.T. 0.000 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

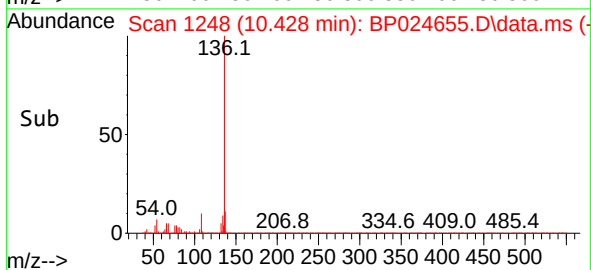
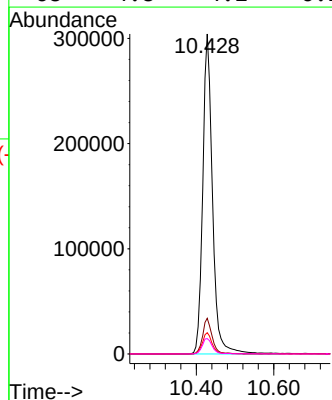
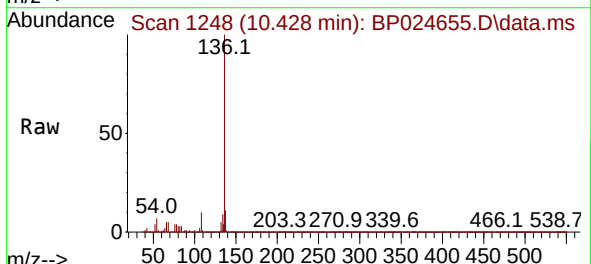
Instrument :
BNA_P
ClientSampleId :
PB168019BL

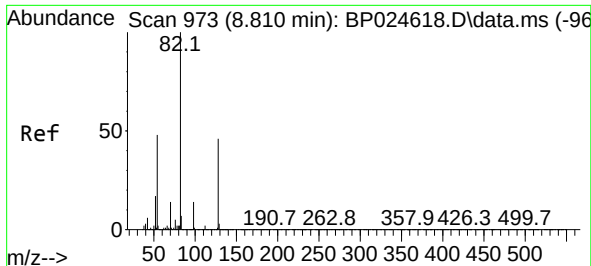
Tgt Ion: 99 Resp: 915011
Ion Ratio Lower Upper
99 100
42 16.5 14.4 21.6
71 35.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.428 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Tgt Ion: 136 Resp: 531421
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 6.6 5.5 8.3
68 4.8 4.2 6.2

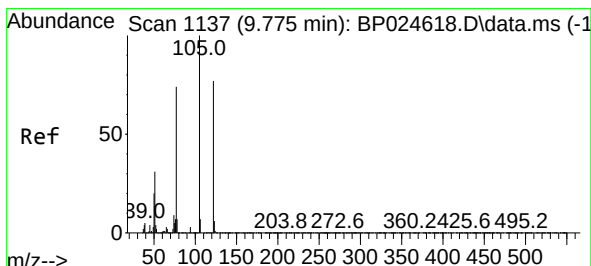
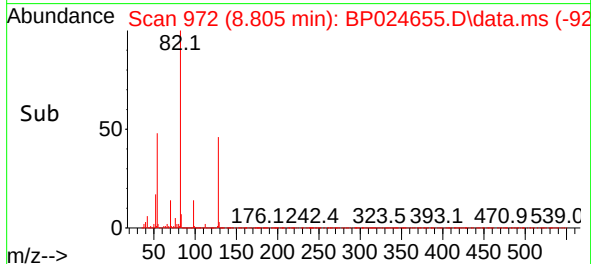
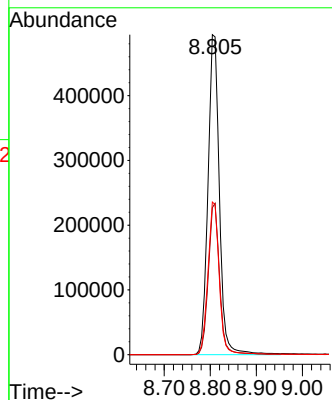
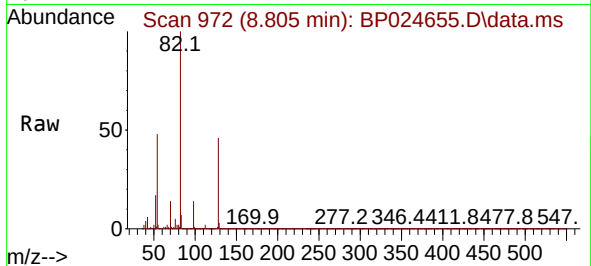




#23
Nitrobenzene-d5
Concen: 81.338 ng
RT: 8.805 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

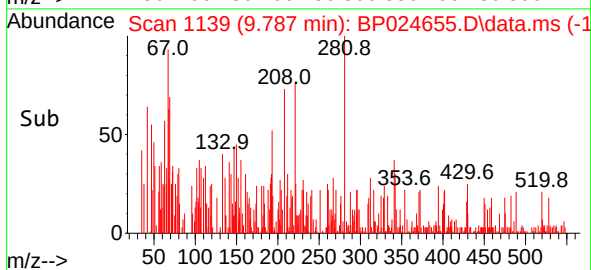
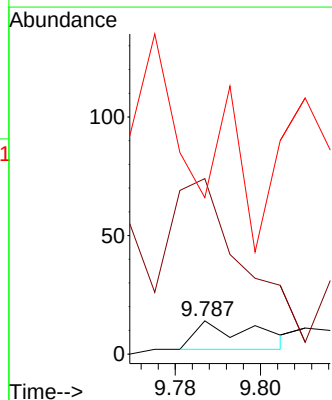
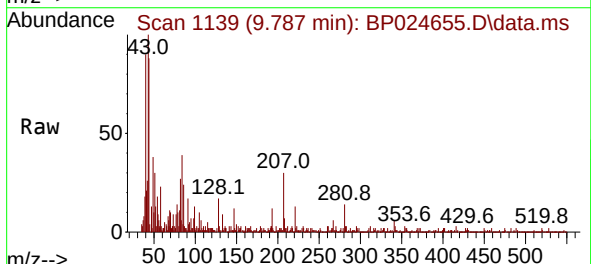
Instrument :
BNA_P
ClientSampleId :
PB168019BL

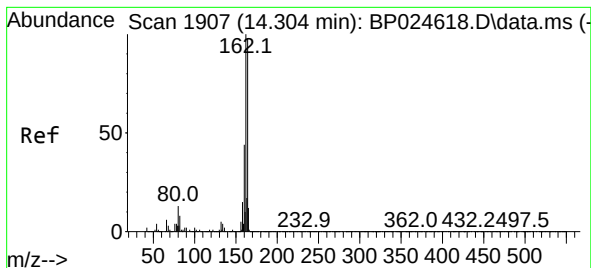
Tgt Ion: 82 Resp: 855484
Ion Ratio Lower Upper
82 100
128 46.0 37.0 55.4
54 47.7 38.7 58.1



#32
Benzoic acid
Concen: 7.470 ng
RT: 9.787 min Scan# 1139
Delta R.T. 0.012 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Tgt Ion: 122 Resp: 12
Ion Ratio Lower Upper
122 100
105 528.6 106.9 146.9#
77 471.4 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: BP024655.D

Acq: 16 May 2025 13:33

Instrument :

BNA_P

ClientSampleId :

PB168019BL

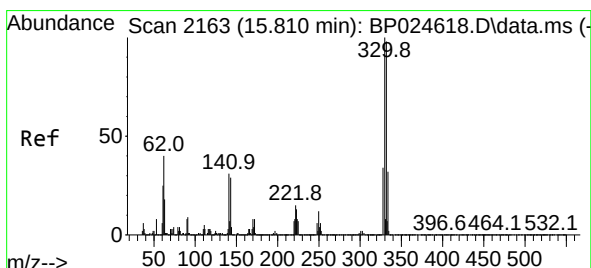
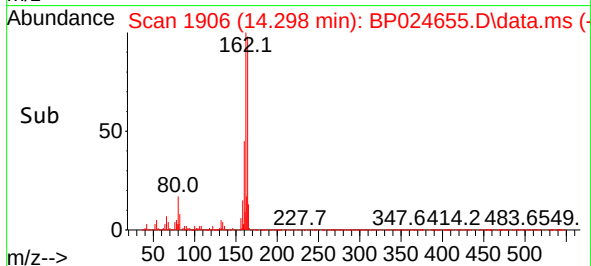
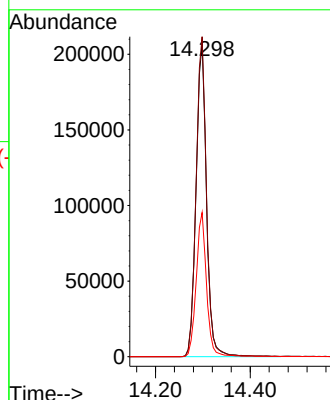
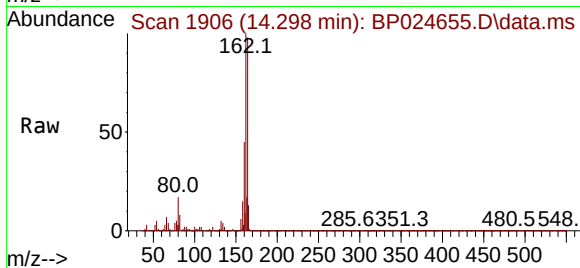
Tgt Ion:164 Resp: 317417

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

160 46.0 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 87.630 ng

RT: 15.810 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BP024655.D

Acq: 16 May 2025 13:33

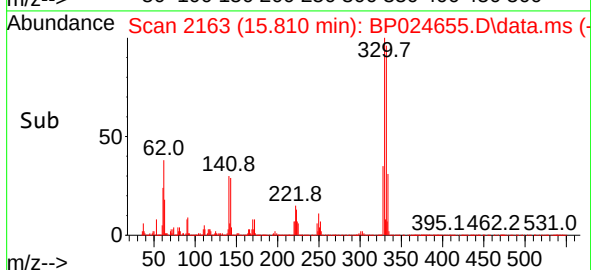
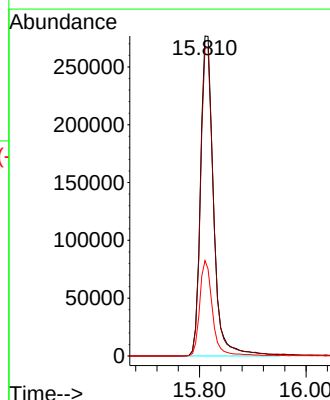
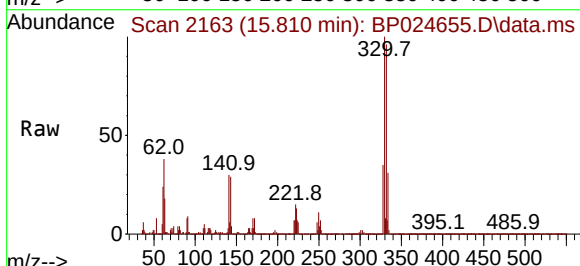
Tgt Ion:330 Resp: 471548

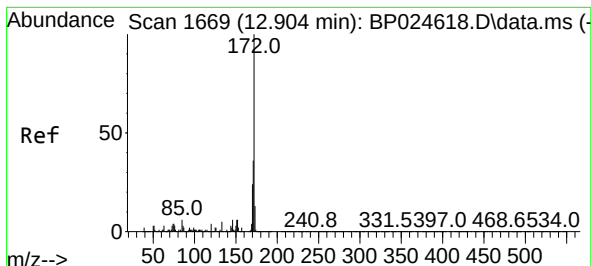
Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

141 29.3 24.3 36.5

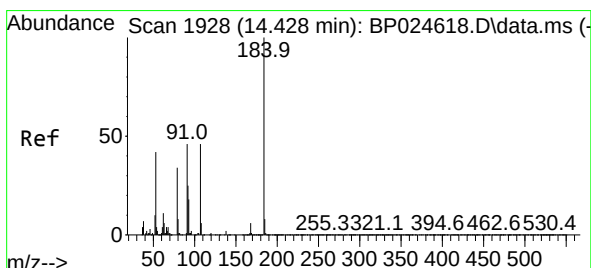
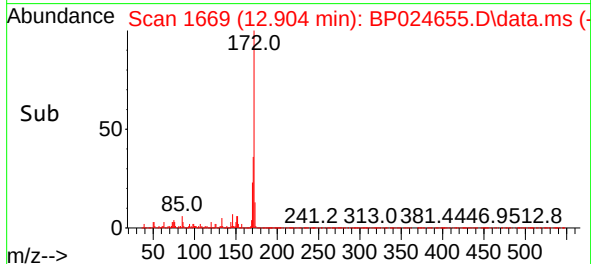
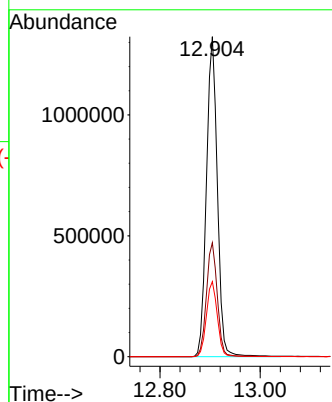
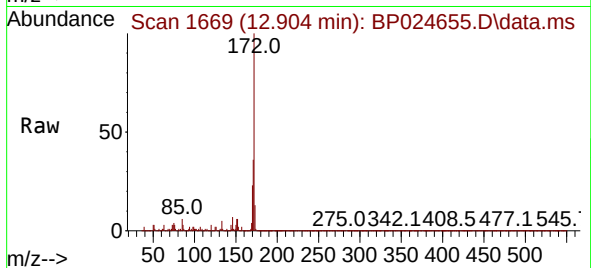




#45
2-Fluorobiphenyl
Concen: 82.468 ng
RT: 12.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

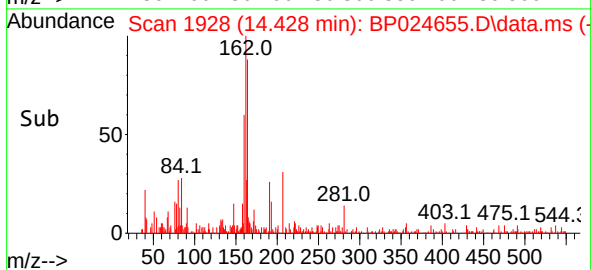
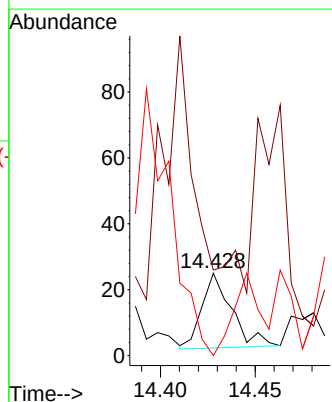
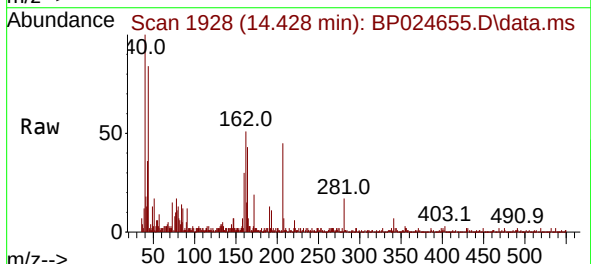
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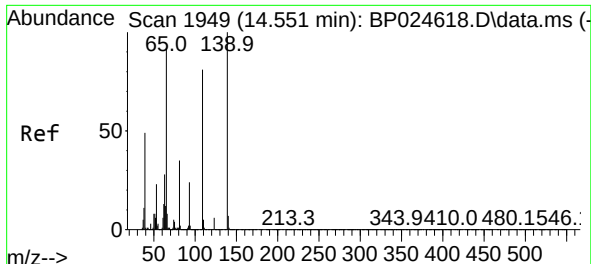
Tgt Ion:172 Resp: 1998040
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 23.5 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.408 ng
RT: 14.428 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Tgt Ion:184 Resp: 25
Ion Ratio Lower Upper
184 100
63 104.0 51.3 76.9#
154 0.0 53.5 80.3#

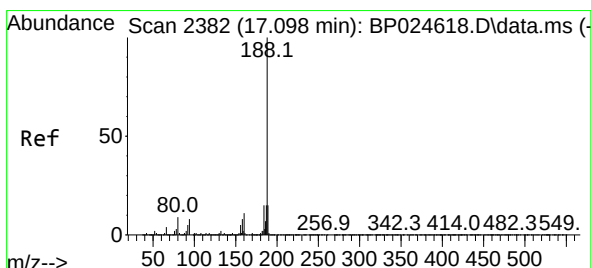
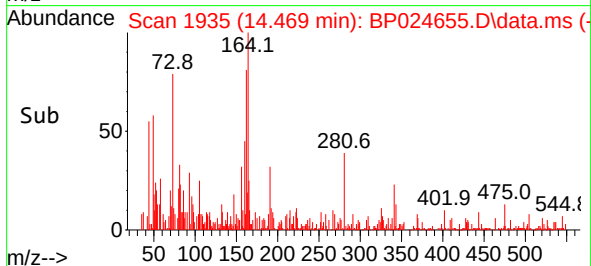
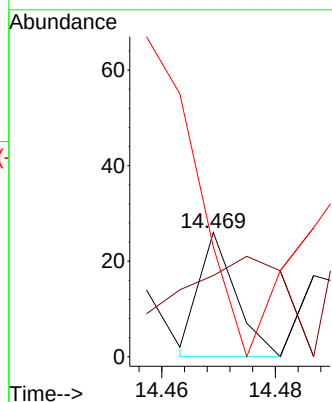
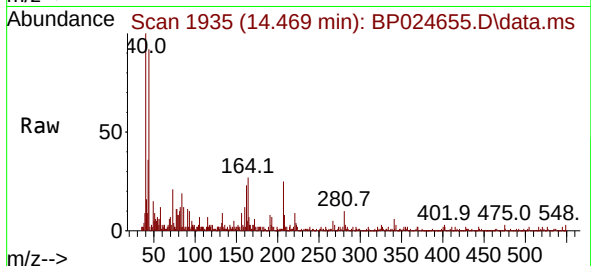




#56
4-Nitrophenol
Concen: 4.237 ng
RT: 14.469 min Scan# 1949
Delta R.T. -0.082 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

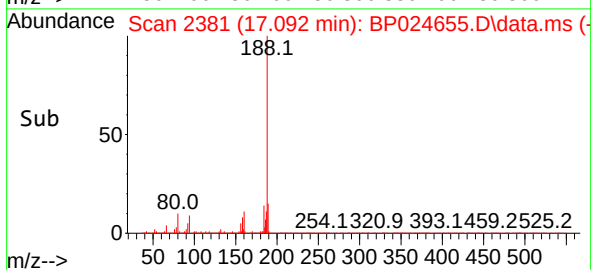
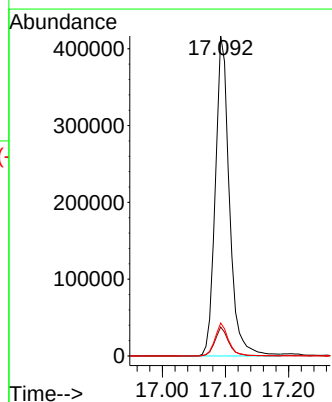
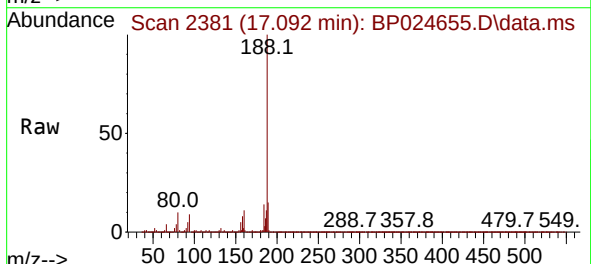
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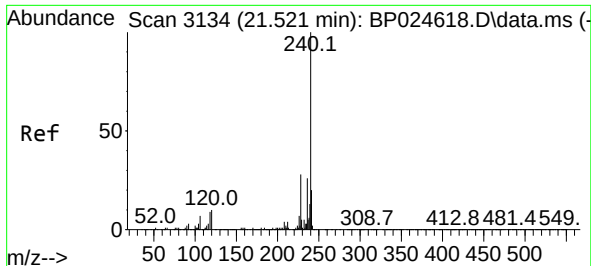
Tgt Ion:139	Resp:	12
Ion	Ratio	Lower Upper
139	100	
109	65.4	61.4 101.4
65	88.5	72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Tgt Ion:188	Resp:	644830
Ion	Ratio	Lower Upper
188	100	
94	9.1	6.5 9.7
80	10.3	7.3 10.9

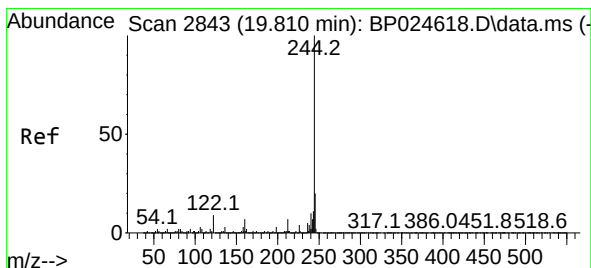
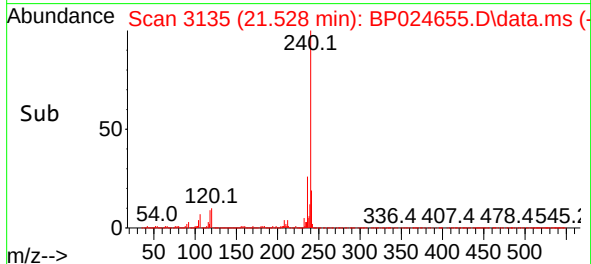
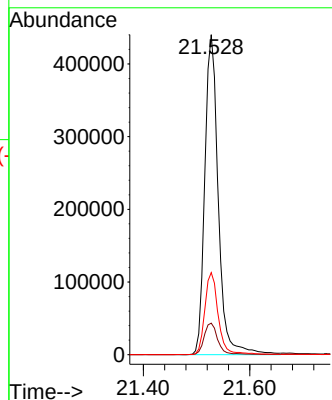
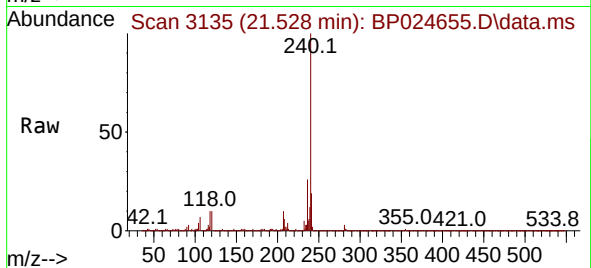




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.528 min Scan# 3134
Delta R.T. 0.006 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

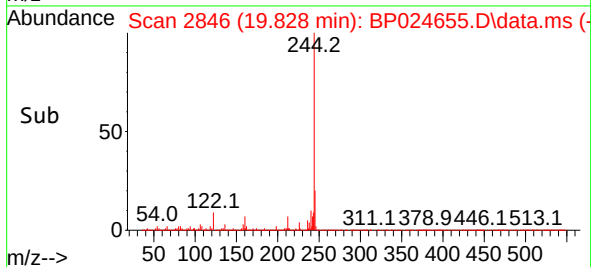
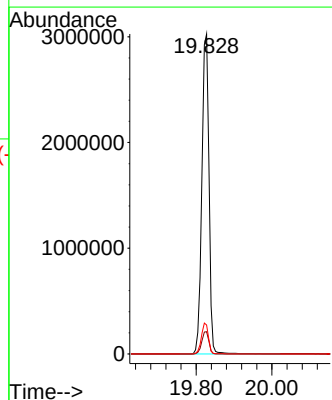
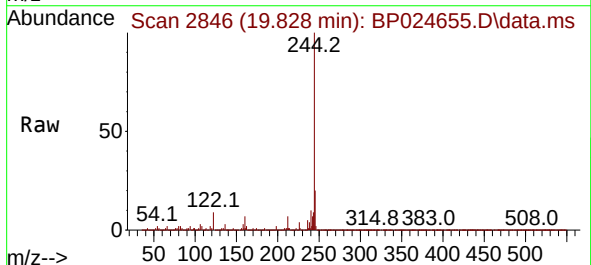
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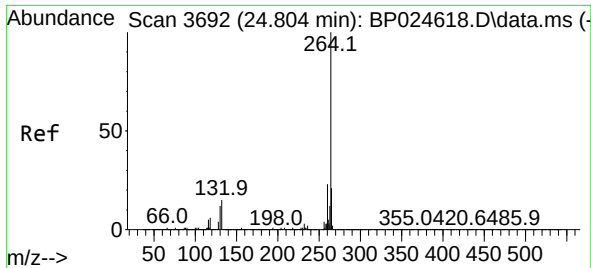
Tgt Ion:240 Resp: 773135
Ion Ratio Lower Upper
240 100
120 9.9 7.8 11.6
236 25.6 20.6 31.0



#79
Terphenyl-d14
Concen: 87.881 ng
RT: 19.828 min Scan# 2846
Delta R.T. 0.018 min
Lab File: BP024655.D
Acq: 16 May 2025 13:33

Tgt Ion:244 Resp: 3962461
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 9.1 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: BP024655.D
 Acq: 16 May 2025 13:33

Instrument :
 BNA_P
 ClientSampleId :
 PB168019BL

Tgt Ion:264 Resp: 912833
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.9 17.0 25.6

