

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052925\
 Data File : BP024829.D
 Acq On : 29 May 2025 14:41
 Operator : RC/JU
 Sample : PB168198BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB168198BL

Quant Time: May 29 15:51:03 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)

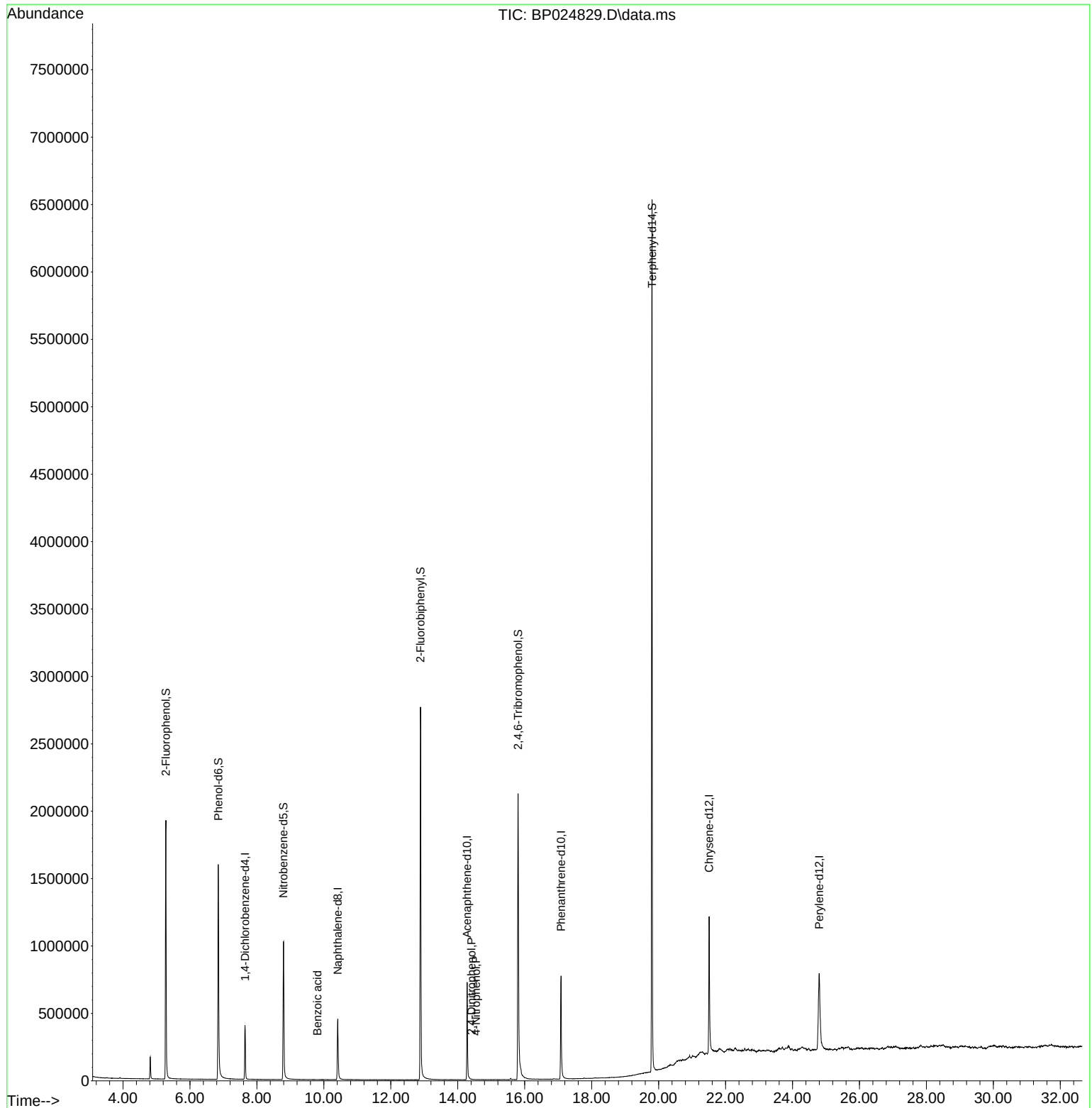
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	116095	20.000	ng	0.00
21) Naphthalene-d8	10.416	136	437517	20.000	ng	0.00
39) Acenaphthene-d10	14.281	164	262901	20.000	ng	0.00
64) Phenanthrene-d10	17.087	188	570766	20.000	ng	0.02
76) Chrysene-d12	21.510	240	707216	20.000	ng	0.02
86) Perylene-d12	24.798	264	864024	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	908873	133.900	ng	0.00
7) Phenol-d6	6.846	99	1054433	121.717	ng	0.00
23) Nitrobenzene-d5	8.793	82	651169	75.200	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	692962	155.480	ng	0.02
45) 2-Fluorobiphenyl	12.887	172	1619542	80.707	ng	0.00
79) Terphenyl-d14	19.804	244	3354528	81.333	ng	0.02
Target Compounds						
						Qvalue
32) Benzoic acid	9.805	122	17	7.471	ng	# 1
54) 2,4-Dinitrophenol	14.410	184	33	6.412	ng	# 1
56) 4-Nitrophenol	14.546	139	10	4.237	ng	# 67

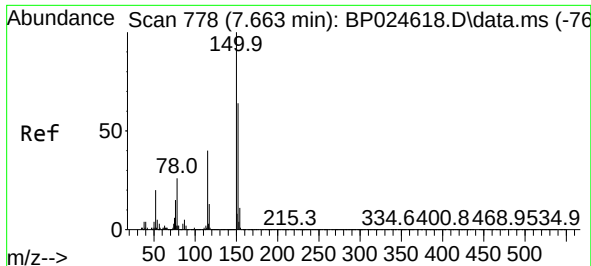
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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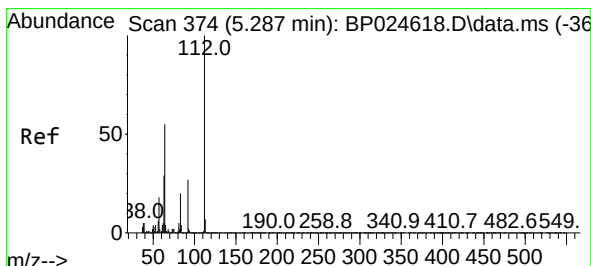
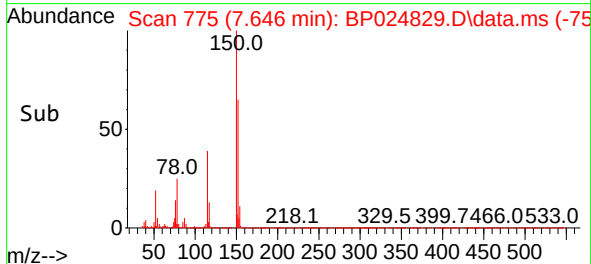
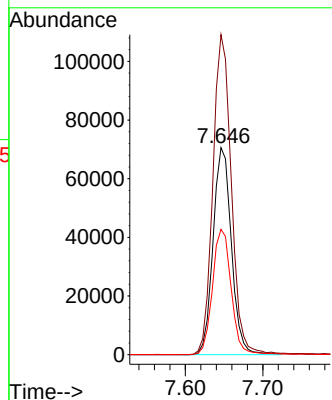
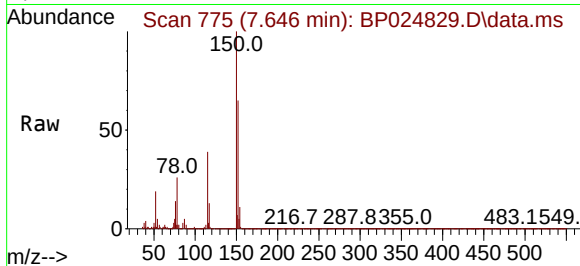




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.646 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP024829.D
Acq: 29 May 2025 14:41

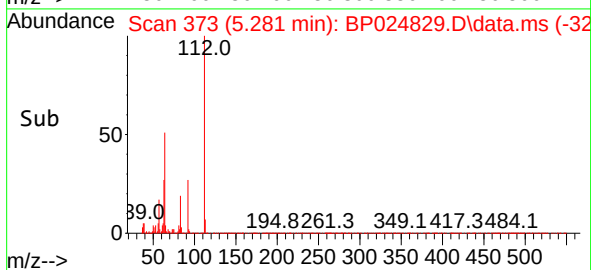
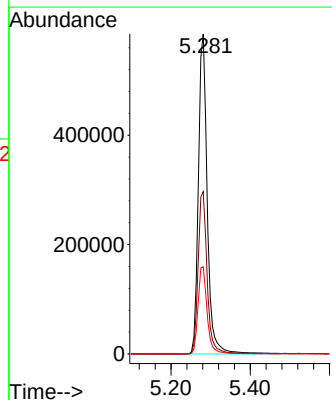
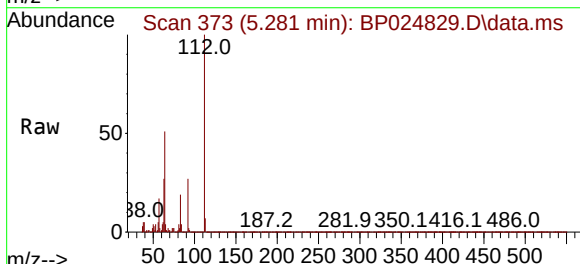
Instrument :
BNA_P
ClientSampleId :
PB168198BL

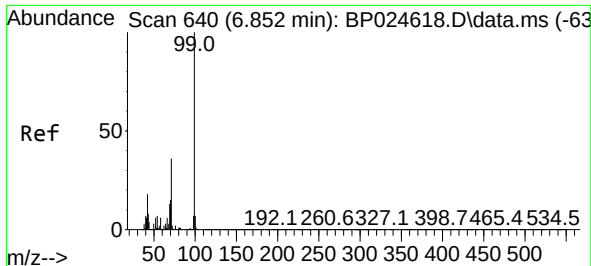
Tgt Ion:152 Resp: 116095
Ion Ratio Lower Upper
152 100
150 154.5 125.9 188.9
115 60.5 50.1 75.1



#5
2-Fluorophenol
Concen: 133.900 ng
RT: 5.281 min Scan# 373
Delta R.T. 0.000 min
Lab File: BP024829.D
Acq: 29 May 2025 14:41

Tgt Ion:112 Resp: 908873
Ion Ratio Lower Upper
112 100
64 50.8 44.1 66.1
63 27.3 23.5 35.3

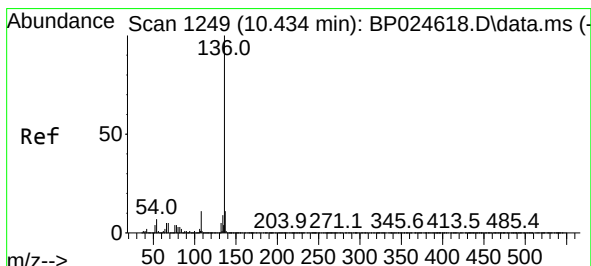
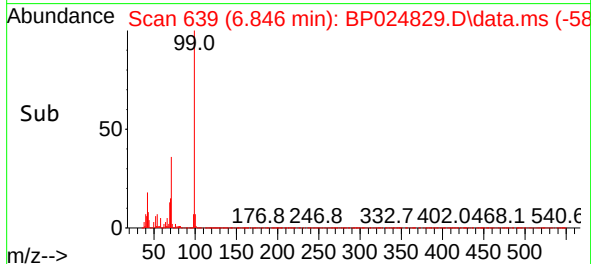
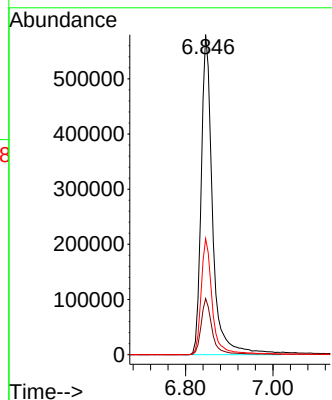
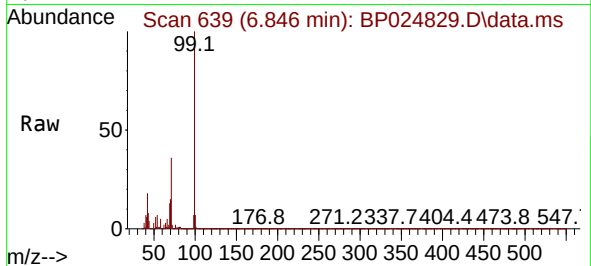




#7
Phenol-d6
Concen: 121.717 ng
RT: 6.846 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP024829.D
Acq: 29 May 2025 14:41

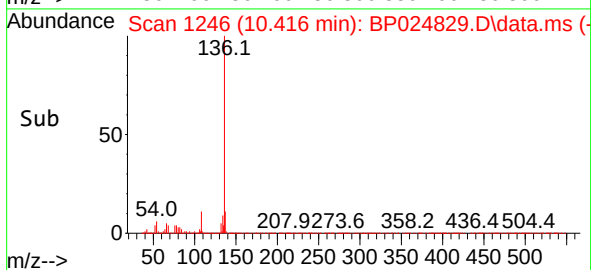
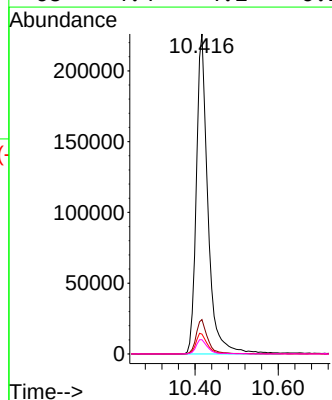
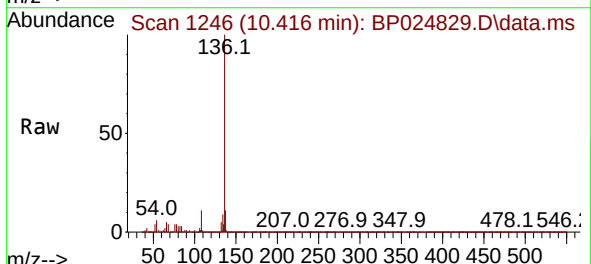
Instrument :
BNA_P
ClientSampleId :
PB168198BL

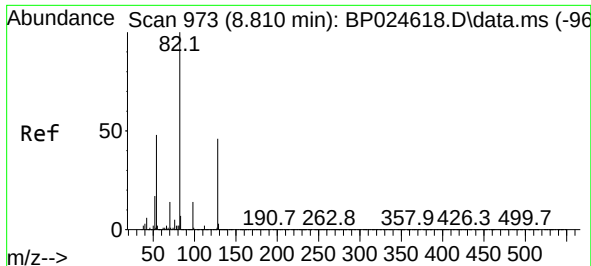
Tgt Ion: 99 Resp: 1054433
Ion Ratio Lower Upper
99 100
42 17.6 14.4 21.6
71 36.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.416 min Scan# 1246
Delta R.T. 0.006 min
Lab File: BP024829.D
Acq: 29 May 2025 14:41

Tgt Ion: 136 Resp: 437517
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 6.2 5.5 8.3
68 4.4 4.2 6.2

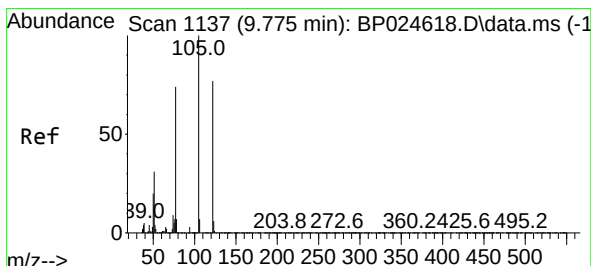
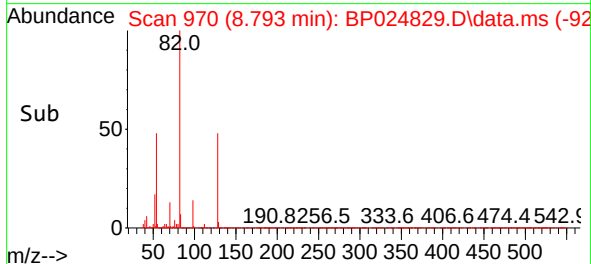
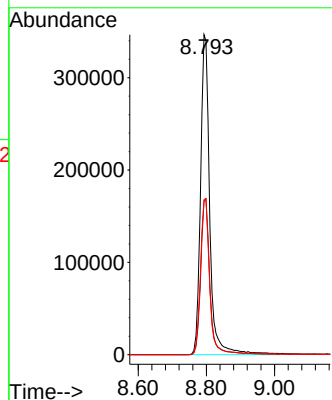
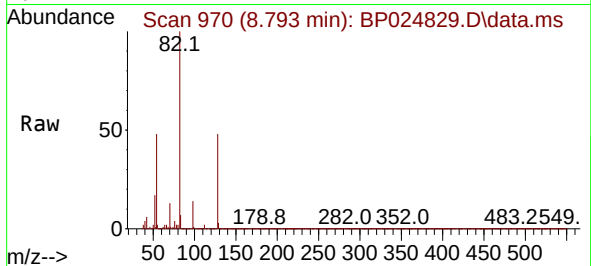




#23
Nitrobenzene-d5
Concen: 75.200 ng
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP024829.D
Acq: 29 May 2025 14:41

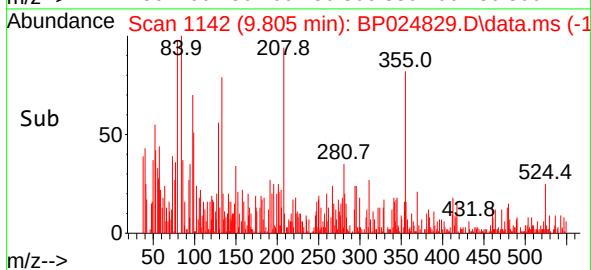
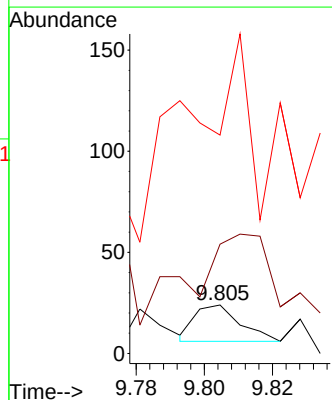
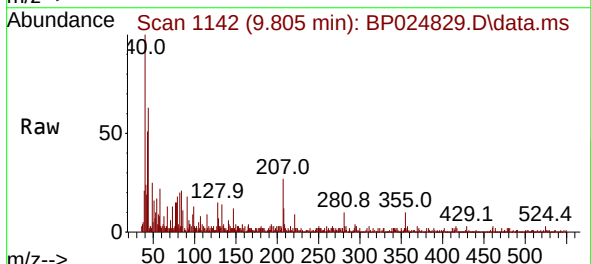
Instrument :
BNA_P
ClientSampleId :
PB168198BL

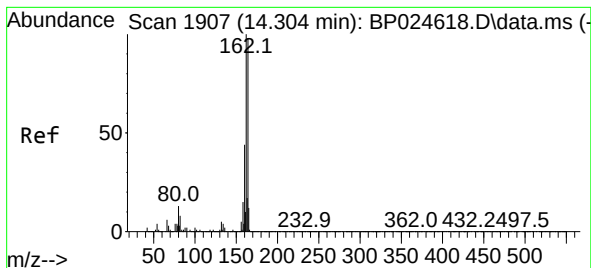
Tgt Ion: 82 Resp: 651169
Ion Ratio Lower Upper
82 100
128 48.0 37.0 55.4
54 48.4 38.7 58.1



#32
Benzoic acid
Concen: 7.471 ng
RT: 9.805 min Scan# 1142
Delta R.T. 0.012 min
Lab File: BP024829.D
Acq: 29 May 2025 14:41

Tgt Ion: 122 Resp: 17
Ion Ratio Lower Upper
122 100
105 225.0 106.9 146.9#
77 450.0 75.1 115.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.281 min Scan# 1903

Delta R.T. 0.006 min

Lab File: BP024829.D

Acq: 29 May 2025 14:41

Instrument :

BNA_P

ClientSampleId :

PB168198BL

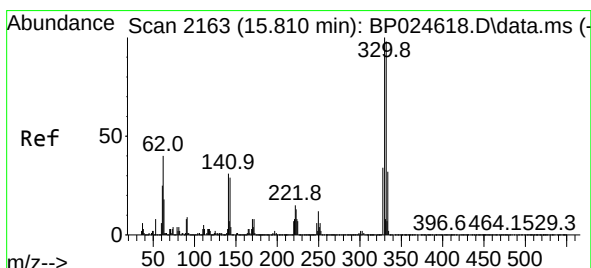
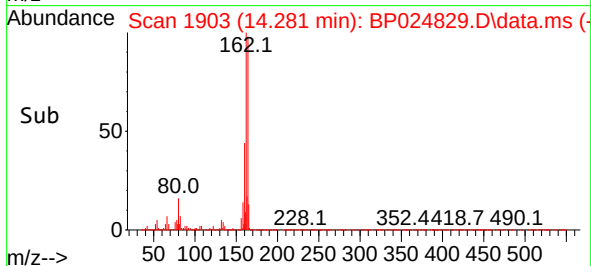
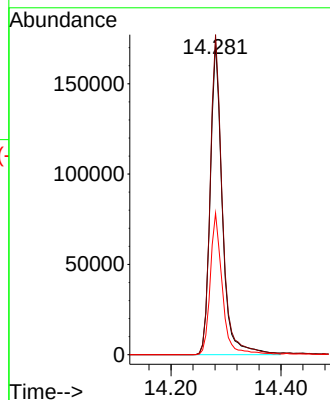
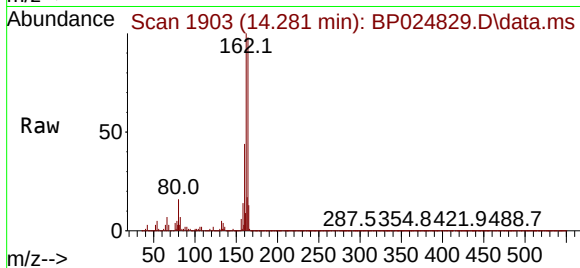
Tgt Ion:164 Resp: 262901

Ion Ratio Lower Upper

164 100

162 102.4 81.8 122.6

160 45.3 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 155.480 ng

RT: 15.804 min Scan# 2162

Delta R.T. 0.018 min

Lab File: BP024829.D

Acq: 29 May 2025 14:41

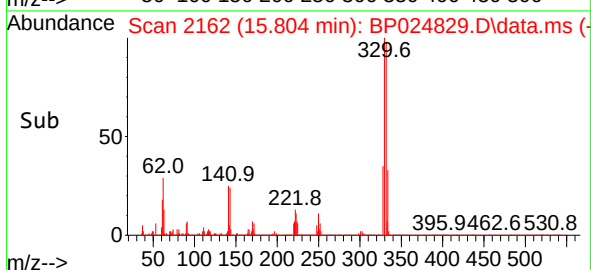
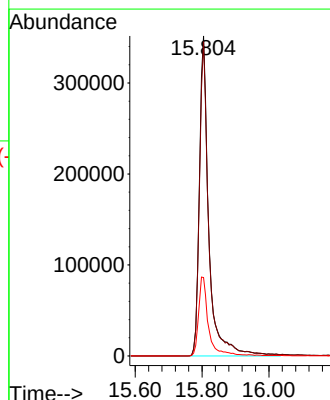
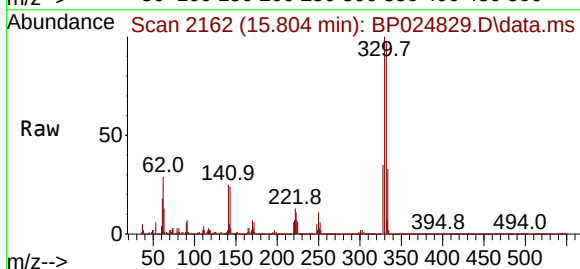
Tgt Ion:330 Resp: 692962

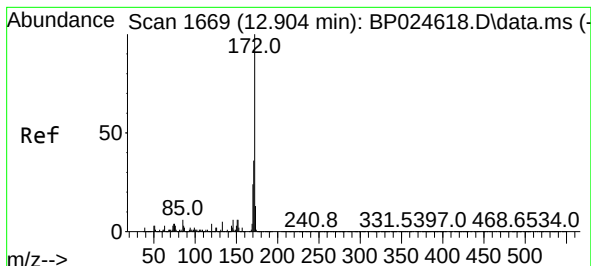
Ion Ratio Lower Upper

330 100

332 96.9 78.2 117.4

141 25.5 24.3 36.5

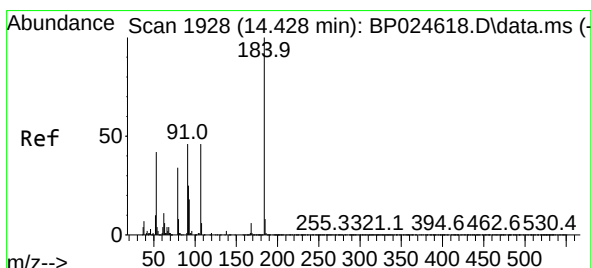
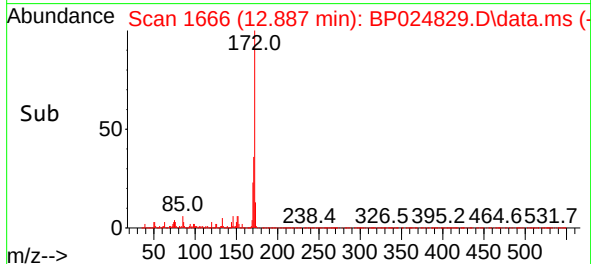
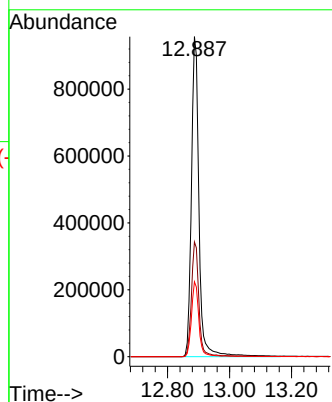
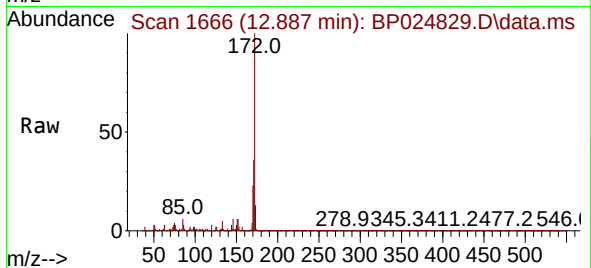




#45
2-Fluorobiphenyl
Concen: 80.707 ng
RT: 12.887 min Scan# 1666
Delta R.T. 0.006 min
Lab File: BP024829.D
Acq: 29 May 2025 14:41

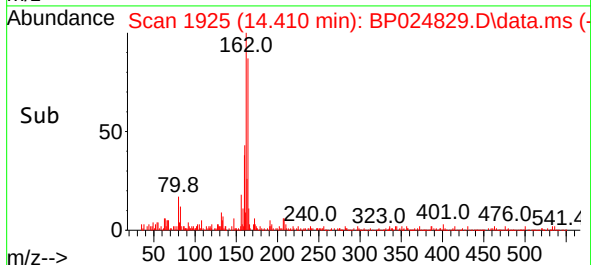
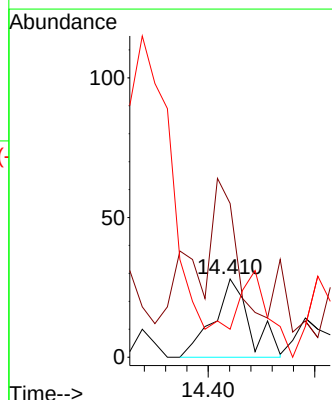
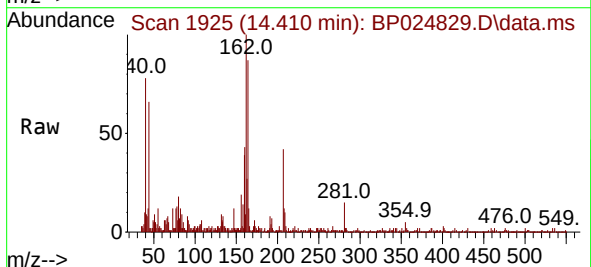
Instrument :
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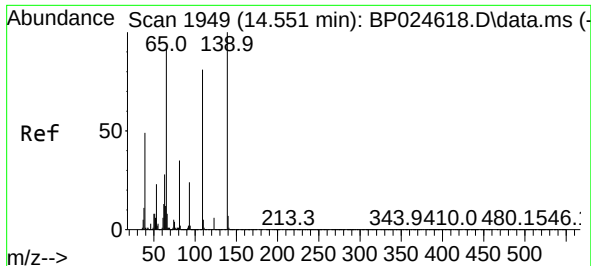
Tgt Ion:172 Resp: 1619542
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.4 18.8 28.2



#54
2,4-Dinitrophenol
Concen: 6.412 ng
RT: 14.410 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BP024829.D
Acq: 29 May 2025 14:41

Tgt Ion:184 Resp: 33
Ion Ratio Lower Upper
184 100
63 196.4 51.3 76.9#
154 35.7 53.5 80.3#

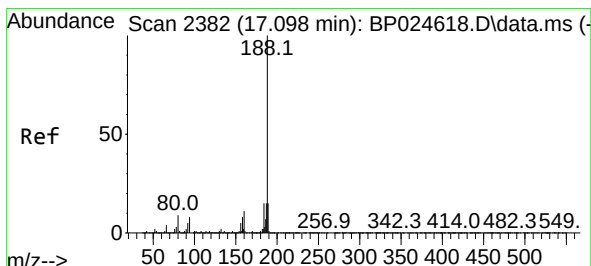
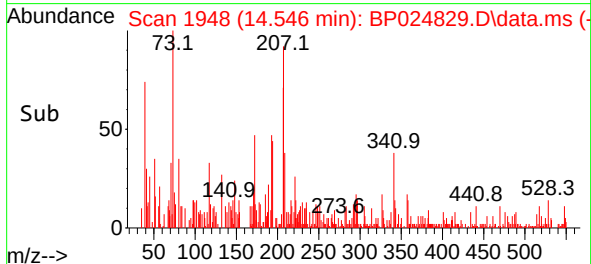
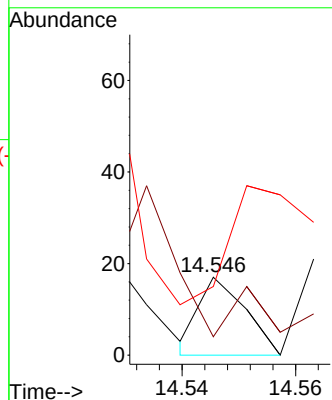
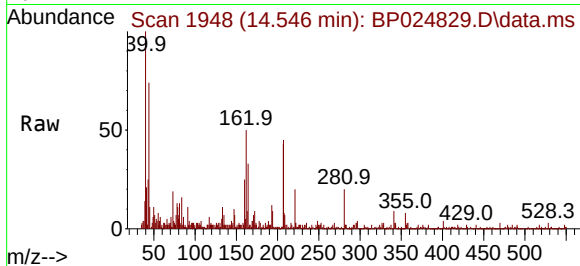




#56
4-Nitrophenol
Concen: 4.237 ng
RT: 14.546 min Scan# 1948
Delta R.T. -0.012 min
Lab File: BP024829.D
Acq: 29 May 2025 14:41

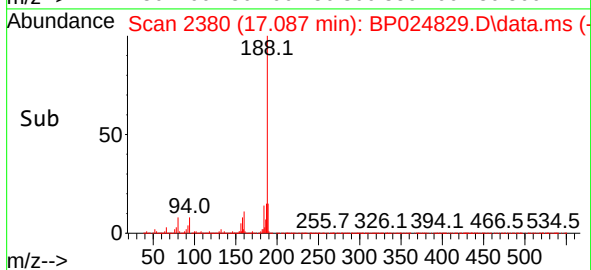
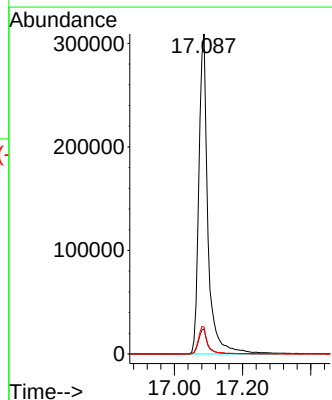
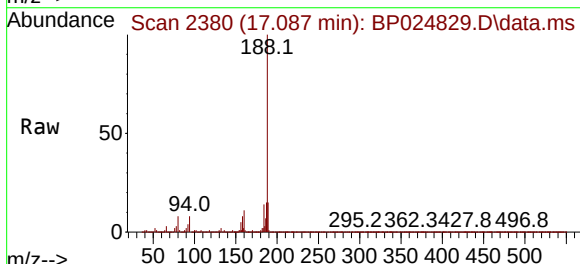
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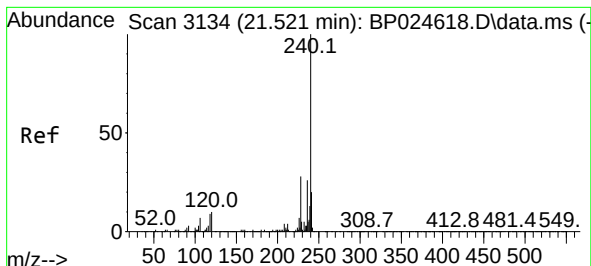
Tgt Ion:139 Resp: 10
Ion Ratio Lower Upper
139 100
109 23.5 61.4 101.4#
65 88.2 72.2 112.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.087 min Scan# 2380
Delta R.T. 0.024 min
Lab File: BP024829.D
Acq: 29 May 2025 14:41

Tgt Ion:188 Resp: 570766
Ion Ratio Lower Upper
188 100
94 7.8 6.5 9.7
80 8.4 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.510 min Scan# 3134

Delta R.T. 0.018 min

Lab File: BP024829.D

Acq: 29 May 2025 14:41

Instrument :

BNA_P

ClientSampleId :

PB168198BL

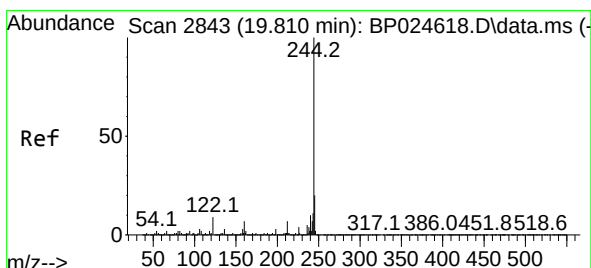
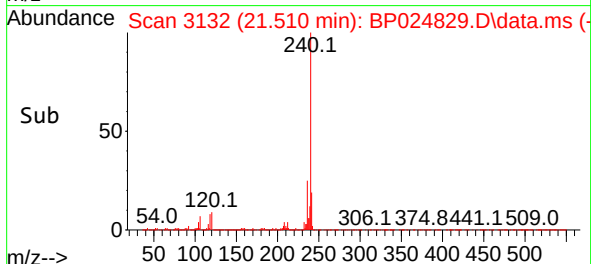
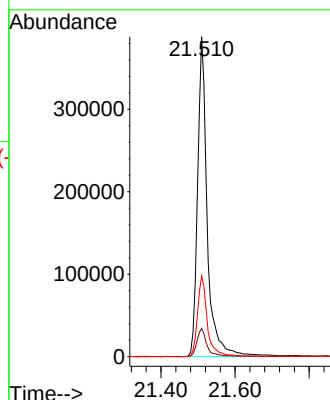
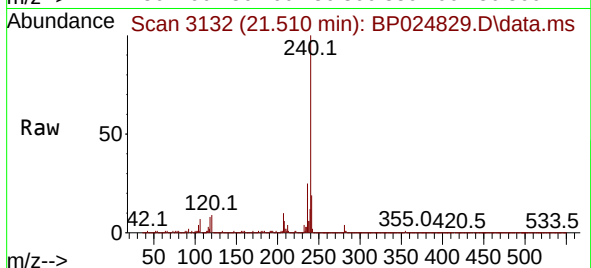
Tgt Ion:240 Resp: 707216

Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 25.3 20.6 31.0



#79

Terphenyl-d14

Concen: 81.333 ng

RT: 19.804 min Scan# 2842

Delta R.T. 0.018 min

Lab File: BP024829.D

Acq: 29 May 2025 14:41

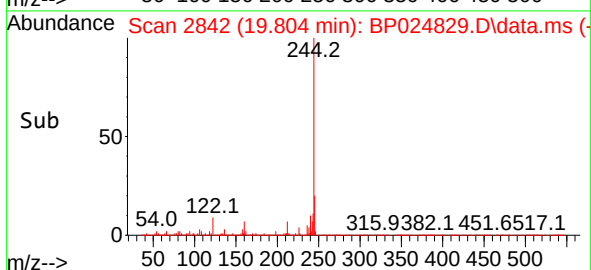
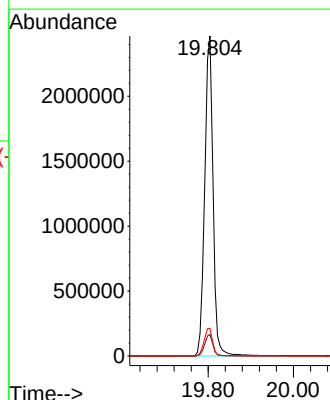
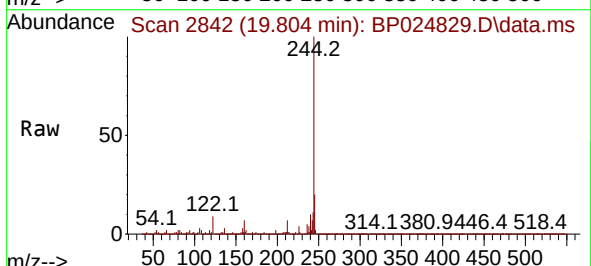
Tgt Ion:244 Resp: 3354528

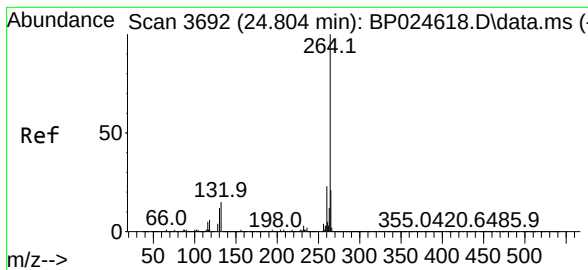
Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 8.7 7.4 11.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 30
 Delta R.T. 0.053 min
 Lab File: BP024829.D
 Acq: 29 May 2025 14:41

Instrument :
 BNA_P
 ClientSampleId :
 PB168198BL

Tgt Ion:	264	Resp:	864024
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	22.6	17.0	25.6

