

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
 Data File : BP024117.D
 Acq On : 27 Feb 2025 11:47
 Operator : RC/JU
 Sample : PB166894BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB166894BL

Quant Time: Feb 27 12:24:36 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 18 02:25:07 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	431765	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1653489	20.000	ng	-0.02
39) Acenaphthene-d10	14.398	164	951686	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1690520	20.000	ng	0.02
76) Chrysene-d12	21.663	240	1378836	20.000	ng	0.02
86) Perylene-d12	25.057	264	1338237	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	4272961	154.421	ng	-0.03
7) Phenol-d6	6.917	99	5254373	147.742	ng	-0.03
23) Nitrobenzene-d5	8.887	82	3096219	104.467	ng	-0.02
42) 2,4,6-Tribromophenol	15.916	330	1659520	142.361	ng	0.01
45) 2-Fluorobiphenyl	12.993	172	6883188	101.112	ng	-0.01
79) Terphenyl-d14	19.939	244	8390289	120.408	ng	0.02

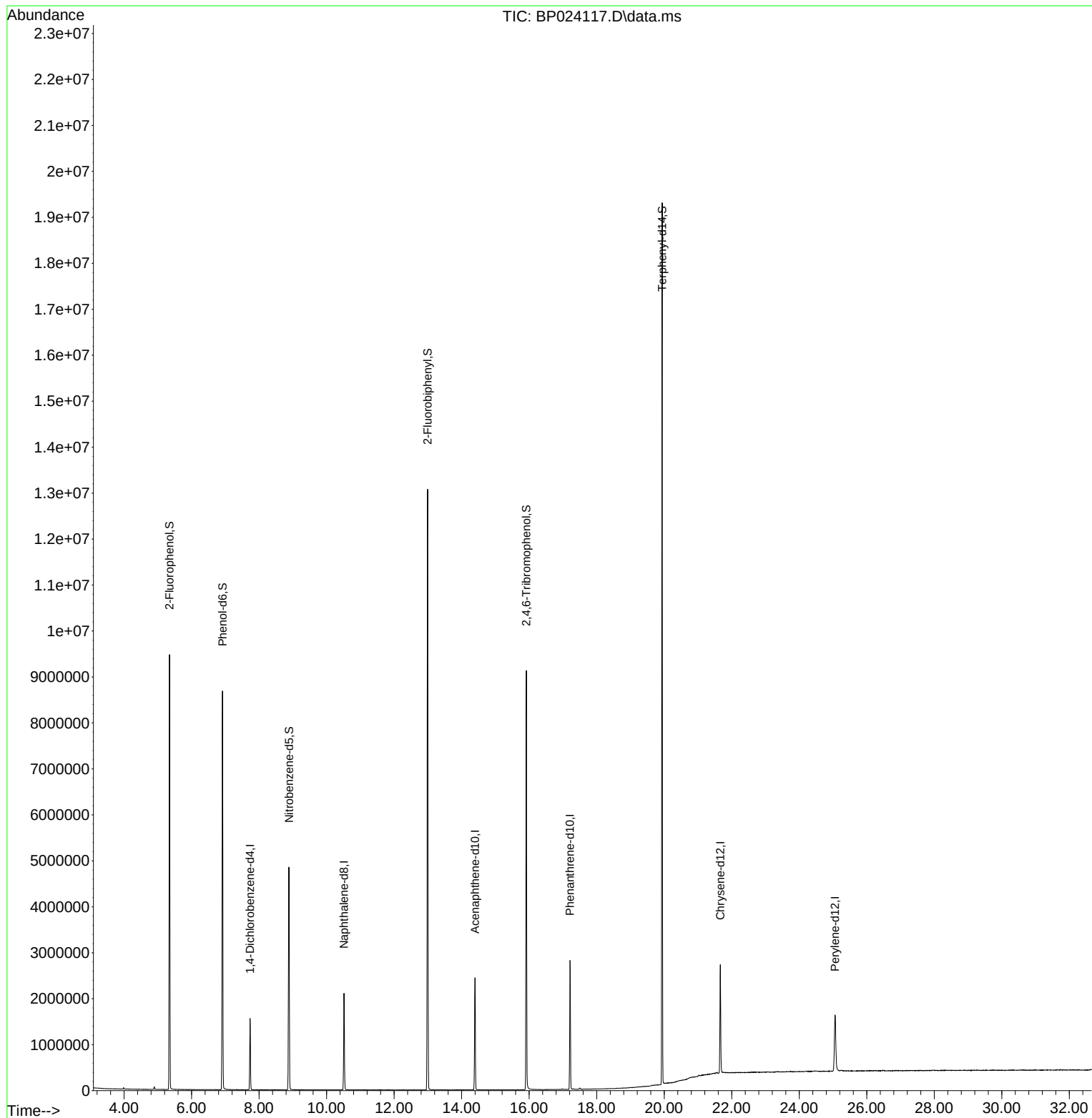
Target Compounds	Qvalue

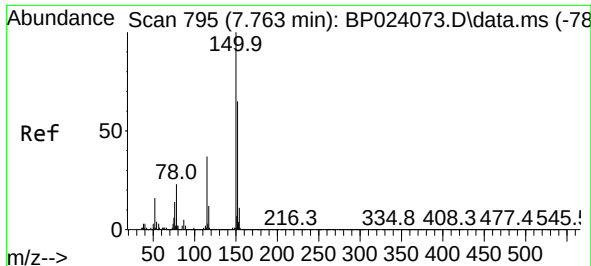
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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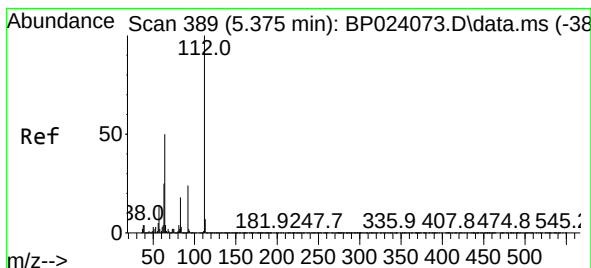
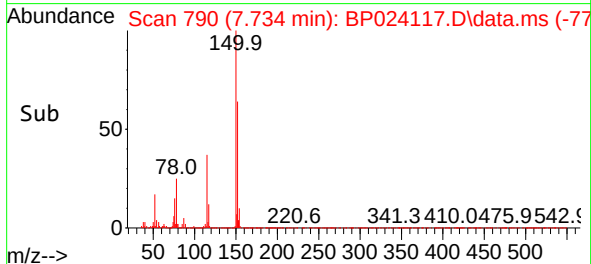
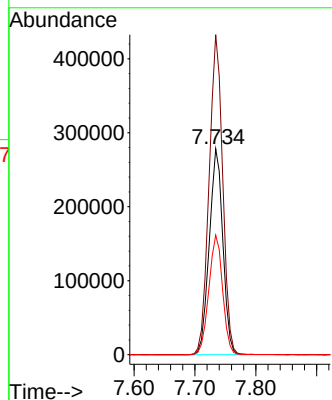
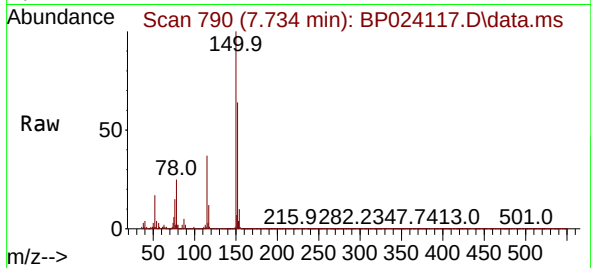




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 795
Delta R.T. -0.029 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

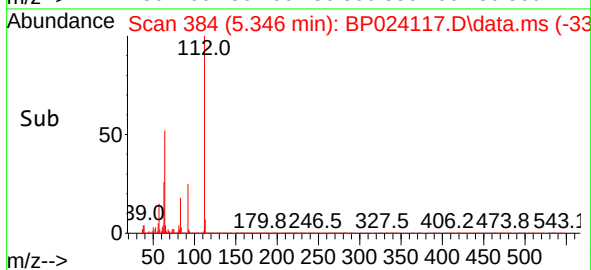
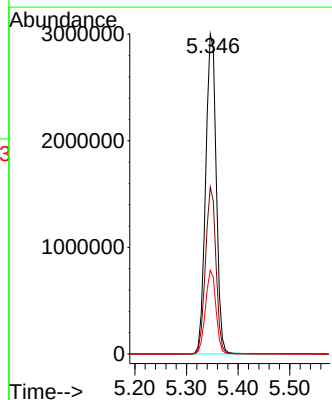
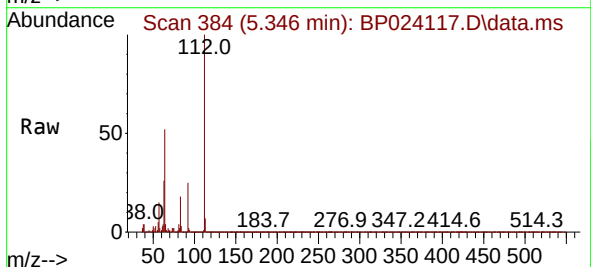
Instrument :
BNA_P
ClientSampleId :
PB166894BL

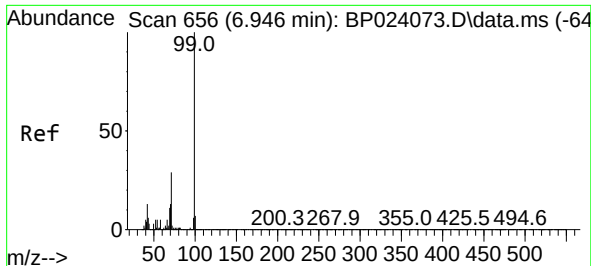
Tgt Ion:152 Resp: 431765
Ion Ratio Lower Upper
152 100
150 155.4 122.4 183.6
115 58.1 45.0 67.6



#5
2-Fluorophenol
Concen: 154.421 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.029 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

Tgt Ion:112 Resp: 4272961
Ion Ratio Lower Upper
112 100
64 52.2 39.6 59.4
63 26.2 20.3 30.5

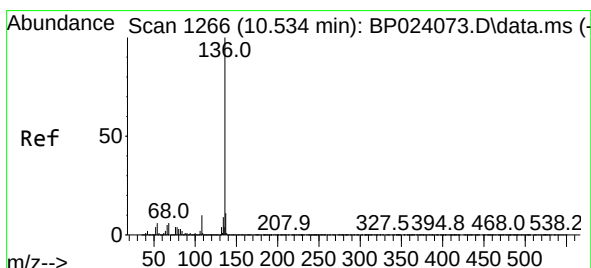
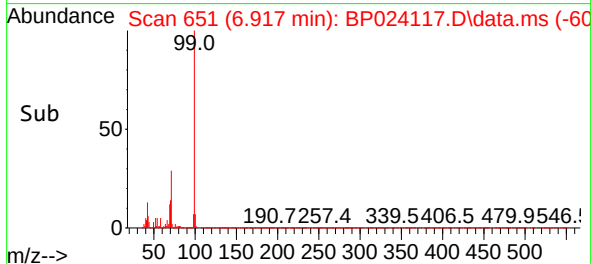
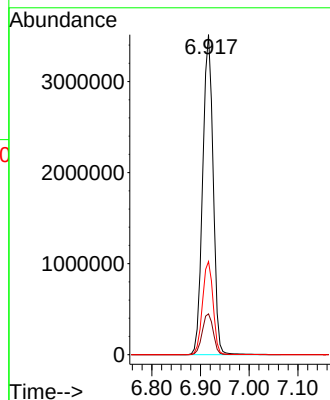
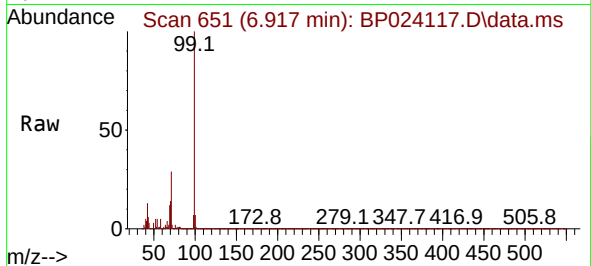




#7
Phenol-d6
Concen: 147.742 ng
RT: 6.917 min Scan# 61
Delta R.T. -0.029 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

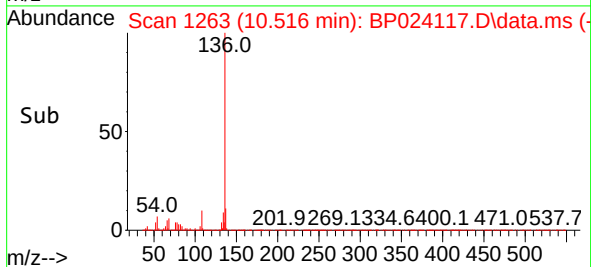
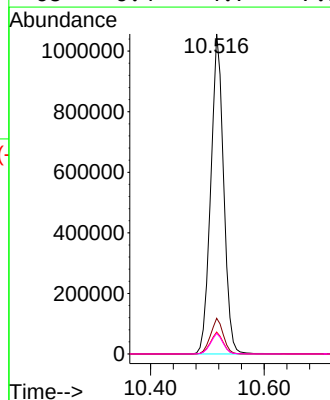
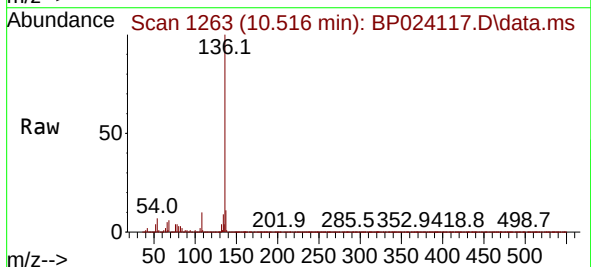
Instrument :
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ClientSampleId :
PB166894BL

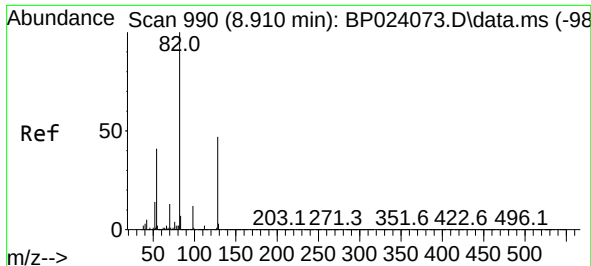
Tgt Ion: 99 Resp: 5254373
Ion Ratio Lower Upper
99 100
42 12.8 10.3 15.5
71 29.1 22.9 34.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1263
Delta R.T. -0.018 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

Tgt Ion:136 Resp: 1653489
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 6.8 4.9 7.3
68 6.4 4.7 7.1

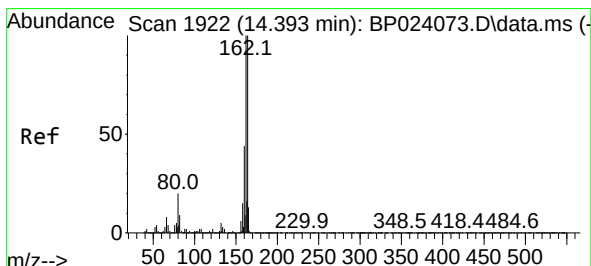
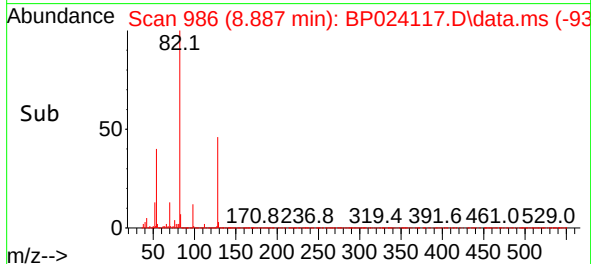
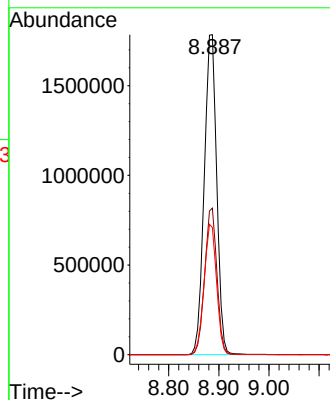
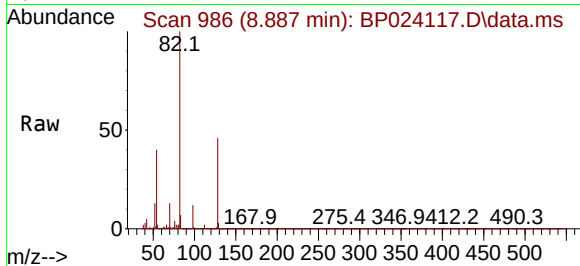




#23
 Nitrobenzene-d5
 Concen: 104.467 ng
 RT: 8.887 min Scan# 91
 Delta R.T. -0.023 min
 Lab File: BP024117.D
 Acq: 27 Feb 2025 11:47

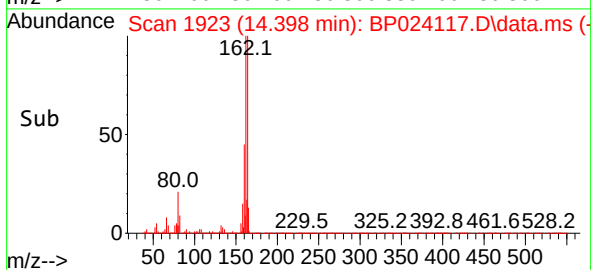
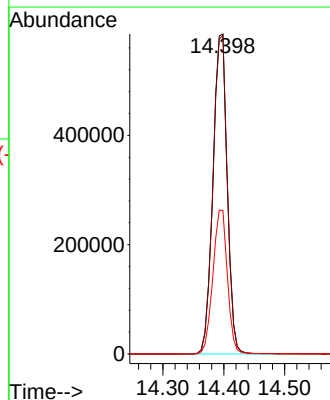
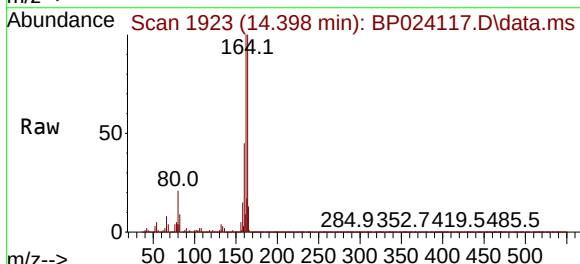
Instrument :
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 ClientSampleId :
 PB166894BL

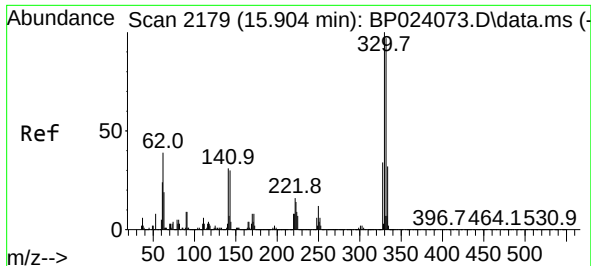
Tgt Ion: 82 Resp: 3096219
 Ion Ratio Lower Upper
 82 100
 128 45.8 37.4 56.2
 54 39.8 32.4 48.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.398 min Scan# 1923
 Delta R.T. 0.006 min
 Lab File: BP024117.D
 Acq: 27 Feb 2025 11:47

Tgt Ion:164 Resp: 951686
 Ion Ratio Lower Upper
 164 100
 162 99.6 80.1 120.1
 160 44.8 35.6 53.4



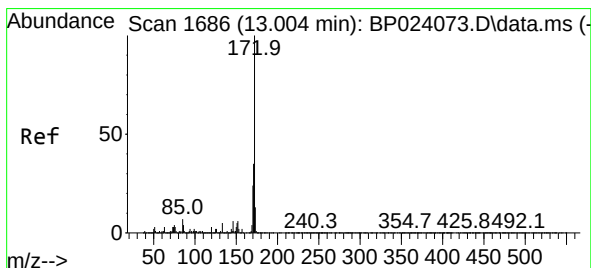
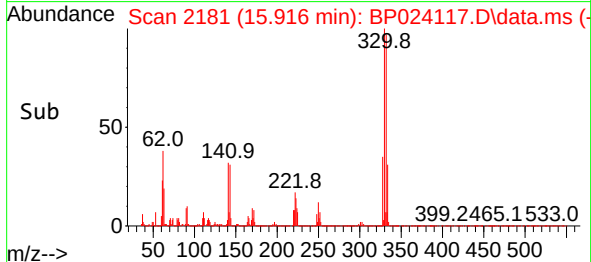
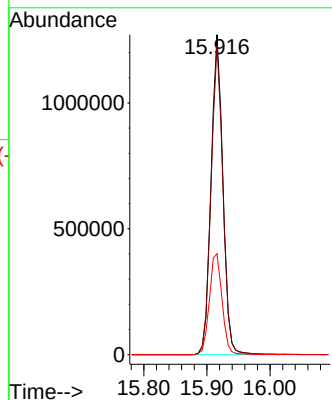
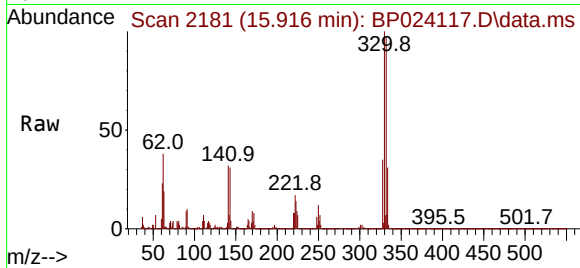


#42
 2,4,6-Tribromophenol
 Concen: 142.361 ng
 RT: 15.916 min Scan# 2179
 Delta R.T. 0.012 min
 Lab File: BP024117.D
 Acq: 27 Feb 2025 11:47

Instrument :
 BNA_P
 ClientSampleId :
 PB166894BL

Tgt Ion:330 Resp: 1659520

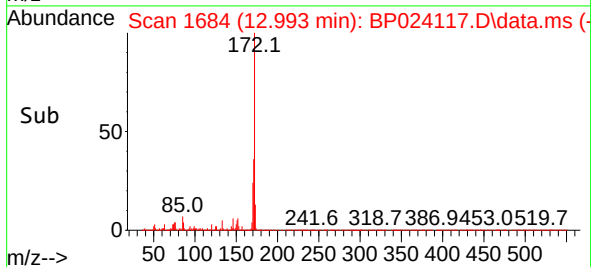
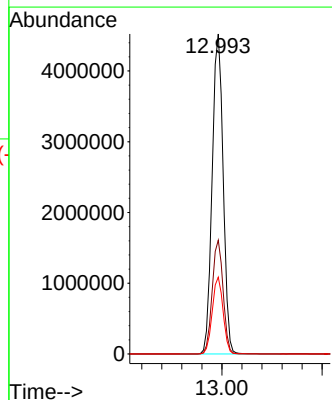
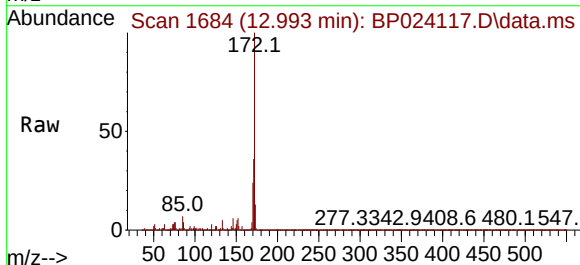
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.4
141	33.9	28.3	42.5

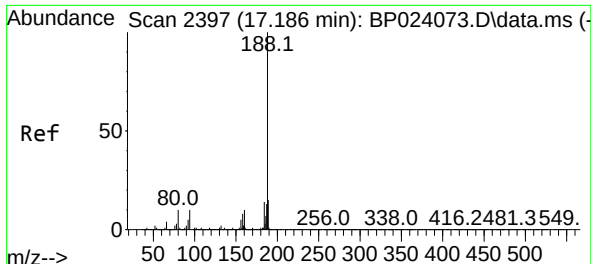


#45
 2-Fluorobiphenyl
 Concen: 101.112 ng
 RT: 12.993 min Scan# 1684
 Delta R.T. -0.012 min
 Lab File: BP024117.D
 Acq: 27 Feb 2025 11:47

Tgt Ion:172 Resp: 6883188

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.2	42.2
170	24.0	19.0	28.6

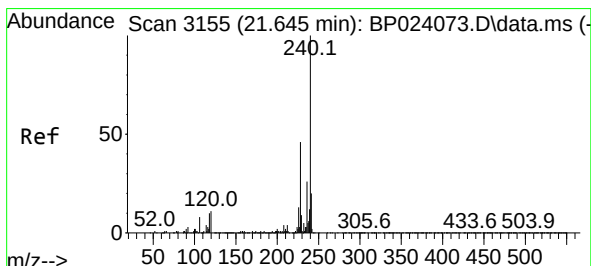
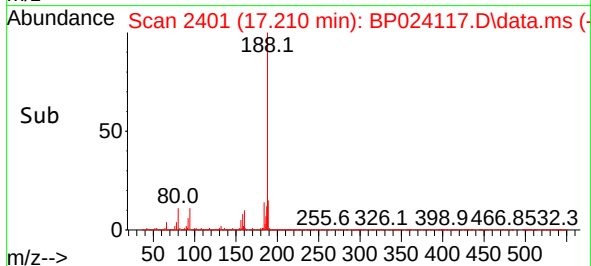
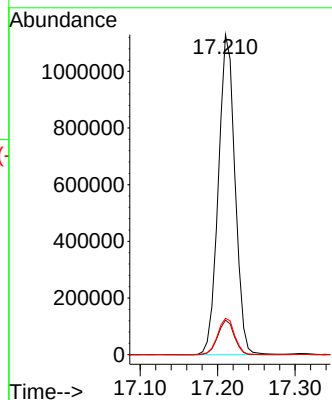
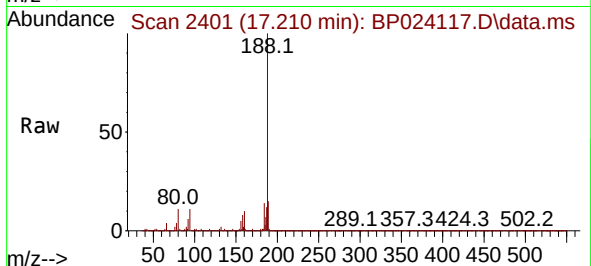




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 241
Delta R.T. 0.024 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

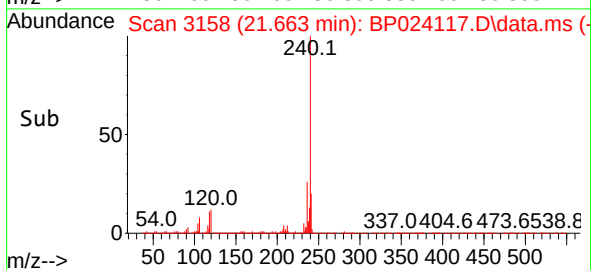
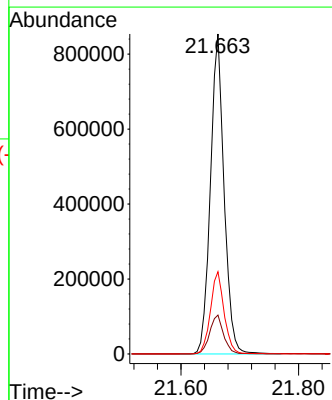
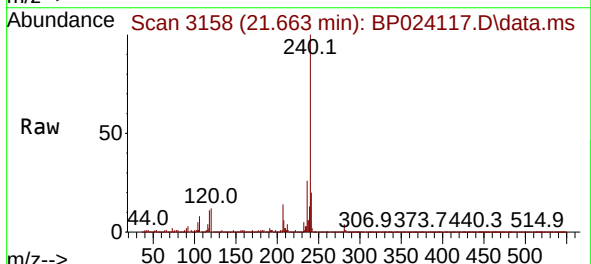
Instrument :
BNA_P
ClientSampleId :
PB166894BL

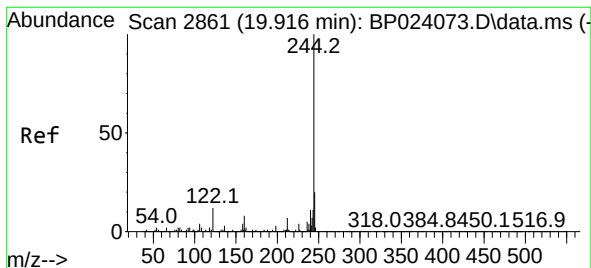
Tgt Ion:188 Resp: 1690520
Ion Ratio Lower Upper
188 100
94 10.8 7.6 11.4
80 11.4 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.663 min Scan# 3158
Delta R.T. 0.018 min
Lab File: BP024117.D
Acq: 27 Feb 2025 11:47

Tgt Ion:240 Resp: 1378836
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 120.408 ng

RT: 19.939 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP024117.D

Acq: 27 Feb 2025 11:47

Instrument :

BNA_P

ClientSampleId :

PB166894BL

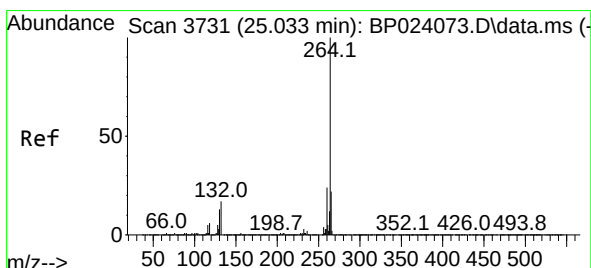
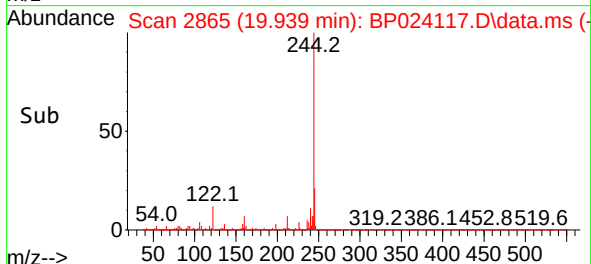
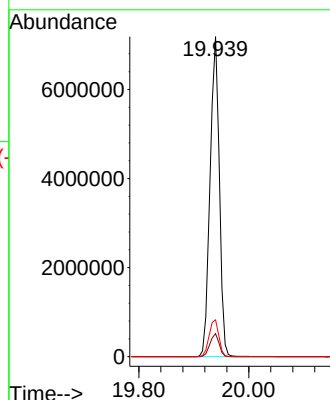
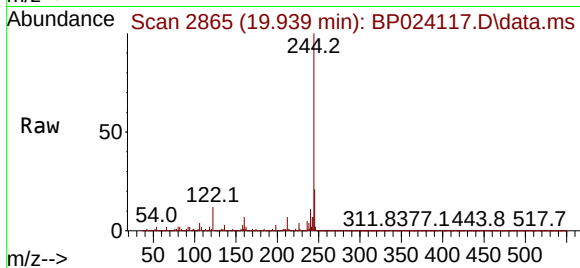
Tgt Ion:244 Resp: 8390289

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 11.5 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.057 min Scan# 3735

Delta R.T. 0.024 min

Lab File: BP024117.D

Acq: 27 Feb 2025 11:47

Tgt Ion:264 Resp: 1338237

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 22.0 17.8 26.8

