

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
 Data File : BP024321.D
 Acq On : 17 Apr 2025 11:10
 Operator : RC/JU
 Sample : PB167599BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB167599BL

Quant Time: Apr 17 11:39:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 15 04:48:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	209661	20.000	ng	0.00
21) Naphthalene-d8	10.505	136	899100	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	621756	20.000	ng	-0.01
64) Phenanthrene-d10	17.157	188	1371491	20.000	ng	-0.02
76) Chrysene-d12	21.598	240	1560050	20.000	ng	-0.02
86) Perylene-d12	24.957	264	1612262	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	2094348	165.167	ng	0.00
7) Phenol-d6	6.911	99	2736878	157.630	ng	0.00
23) Nitrobenzene-d5	8.875	82	1597507	101.314	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	1447107	168.223	ng	-0.02
45) 2-Fluorobiphenyl	12.969	172	3978235	97.966	ng	-0.01
79) Terphenyl-d14	19.886	244	7811208	100.923	ng	-0.04

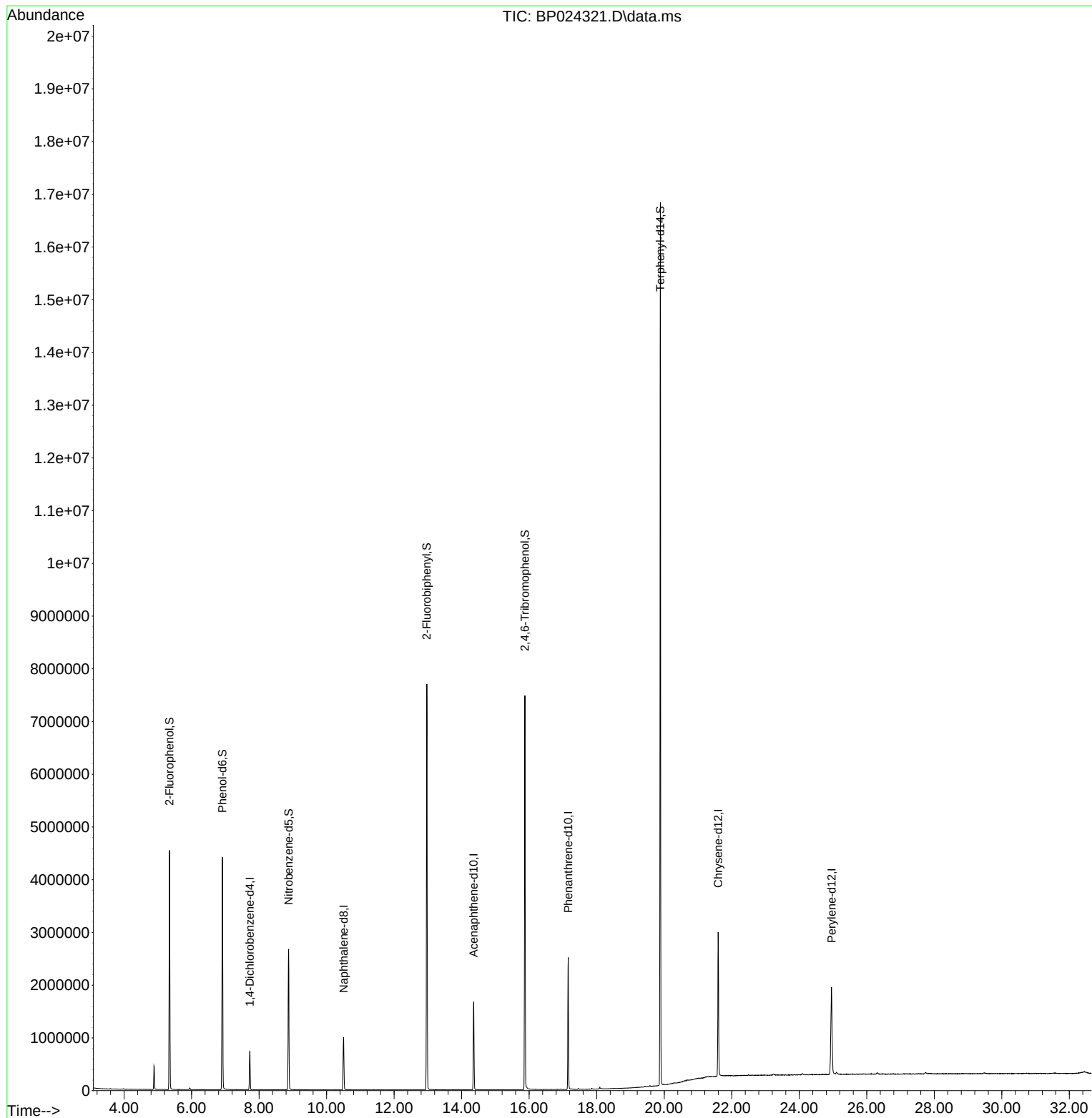
Target Compounds	Qvalue

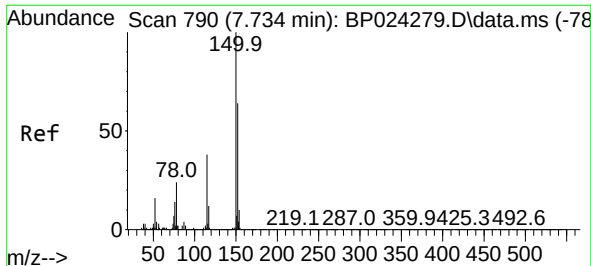
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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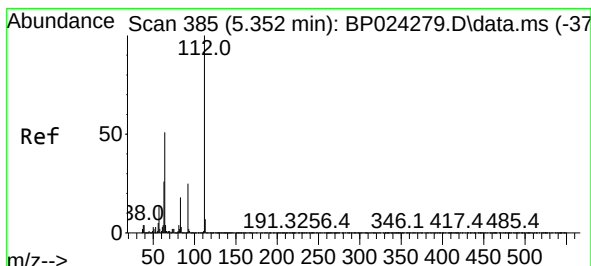
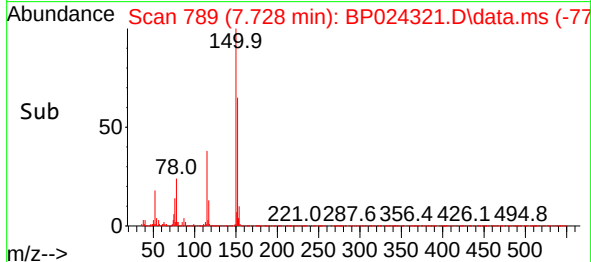
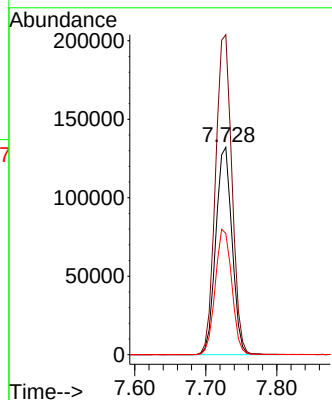
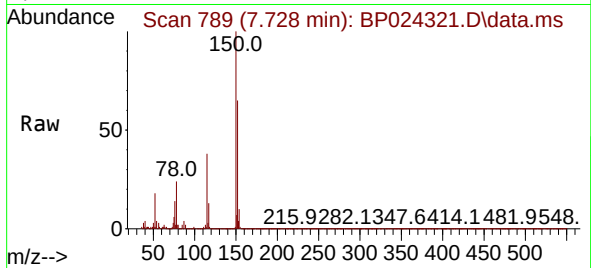




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 71
Delta R.T. 0.000 min
Lab File: BP024321.D
Acq: 17 Apr 2025 11:10

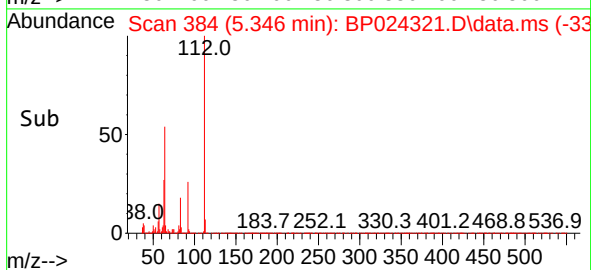
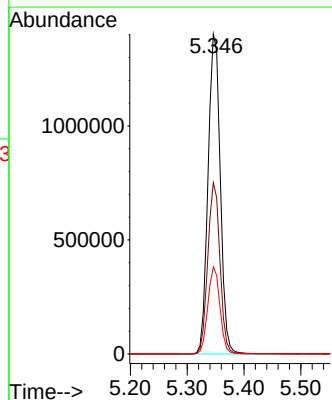
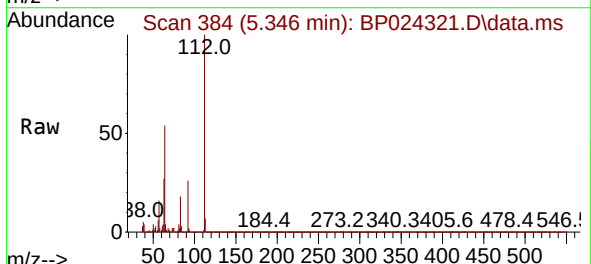
Instrument :
BNA_P
ClientSampleId :
PB167599BL

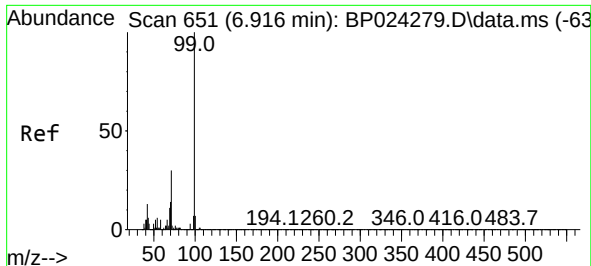
Tgt Ion:152 Resp: 209661
Ion Ratio Lower Upper
152 100
150 154.3 124.9 187.3
115 58.5 47.7 71.5



#5
2-Fluorophenol
Concen: 165.167 ng
RT: 5.346 min Scan# 384
Delta R.T. -0.006 min
Lab File: BP024321.D
Acq: 17 Apr 2025 11:10

Tgt Ion:112 Resp: 2094348
Ion Ratio Lower Upper
112 100
64 53.5 41.1 61.7
63 27.2 20.6 30.8

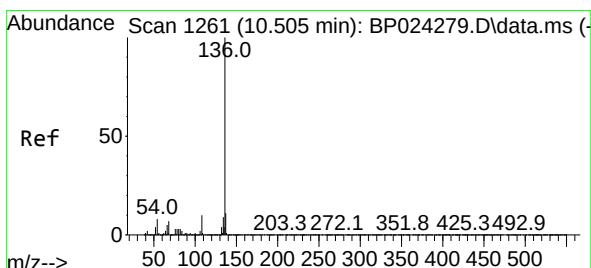
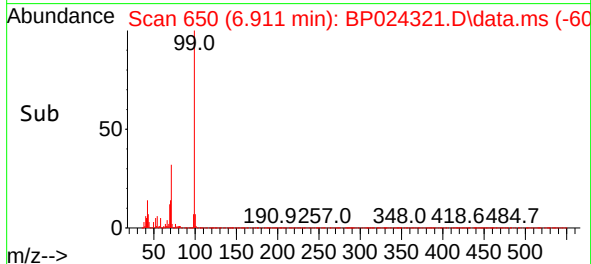
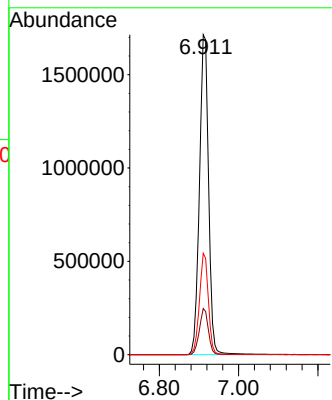
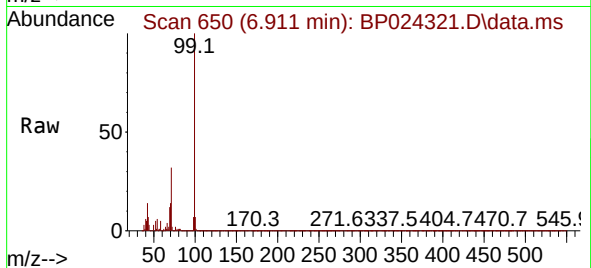




#7
Phenol-d6
Concen: 157.630 ng
RT: 6.911 min Scan# 61
Delta R.T. -0.005 min
Lab File: BP024321.D
Acq: 17 Apr 2025 11:10

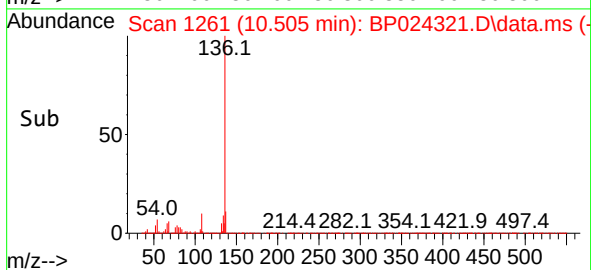
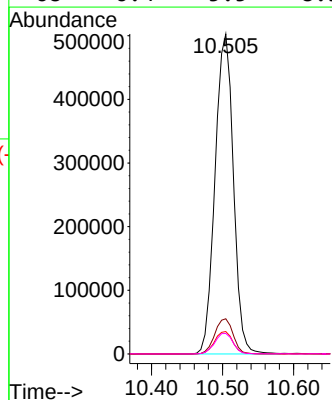
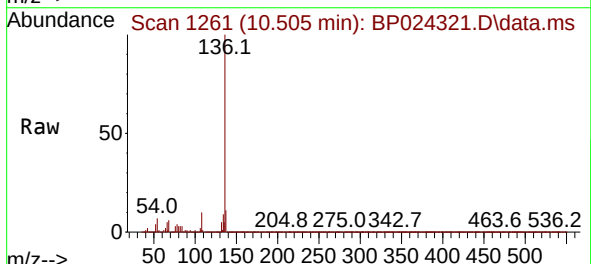
Instrument :
BNA_P
ClientSampleId :
PB167599BL

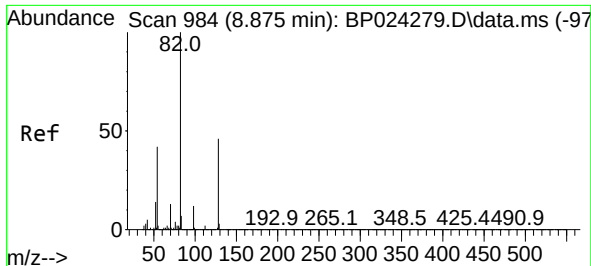
Tgt Ion: 99 Resp: 2736878
Ion Ratio Lower Upper
99 100
42 14.4 10.6 16.0
71 31.7 23.7 35.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.505 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BP024321.D
Acq: 17 Apr 2025 11:10

Tgt Ion:136 Resp: 899100
Ion Ratio Lower Upper
136 100
137 11.0 9.2 13.8
54 7.0 6.0 9.0
68 6.4 5.5 8.3

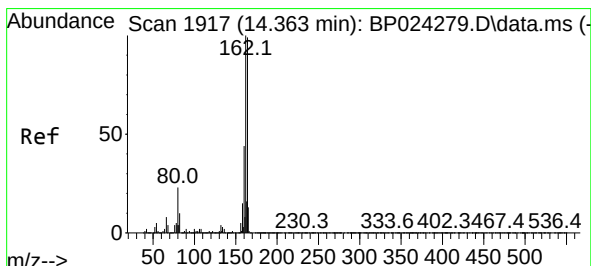
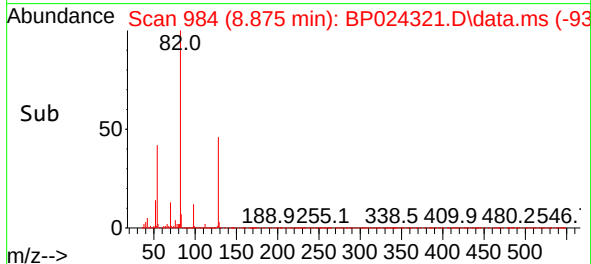
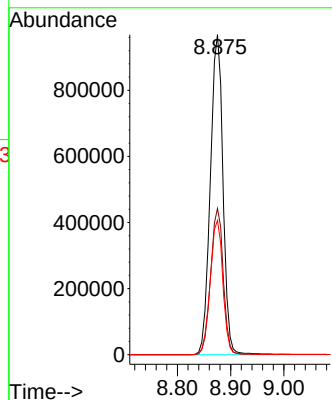
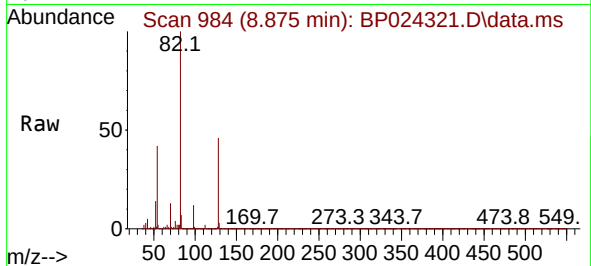




#23
 Nitrobenzene-d5
 Concen: 101.314 ng
 RT: 8.875 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BP024321.D
 Acq: 17 Apr 2025 11:10

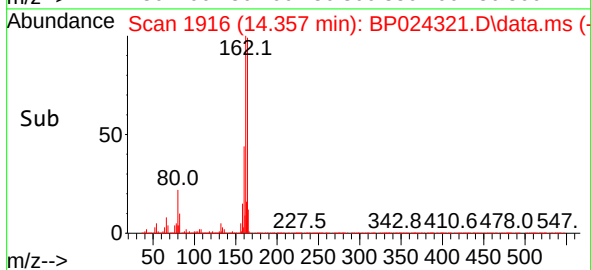
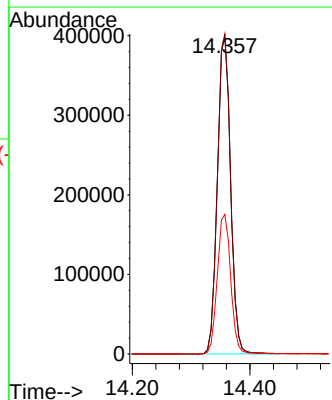
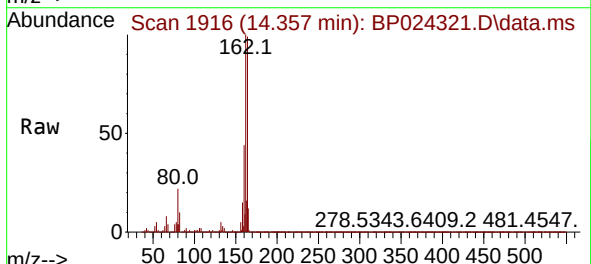
Instrument :
 BNA_P
 ClientSampleId :
 PB167599BL

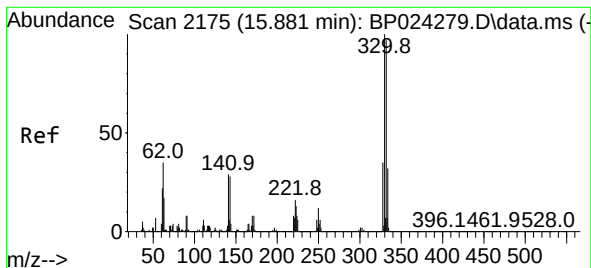
Tgt Ion: 82 Resp: 1597507
 Ion Ratio Lower Upper
 82 100
 128 45.7 36.5 54.7
 54 42.0 33.4 50.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.357 min Scan# 1916
 Delta R.T. -0.012 min
 Lab File: BP024321.D
 Acq: 17 Apr 2025 11:10

Tgt Ion: 164 Resp: 621756
 Ion Ratio Lower Upper
 164 100
 162 101.0 80.6 120.8
 160 44.1 35.3 52.9



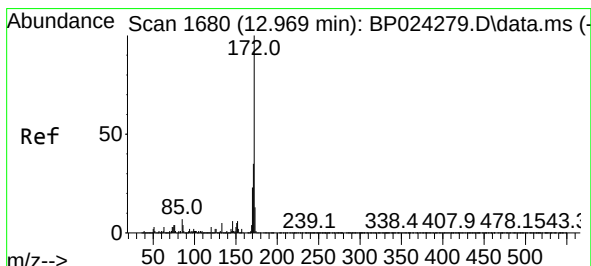
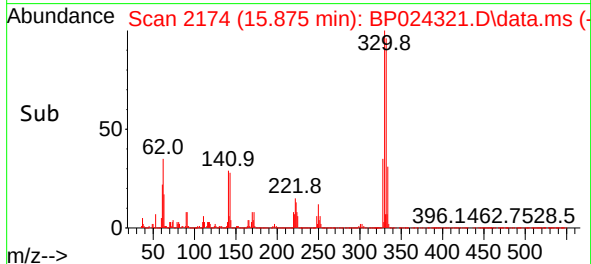
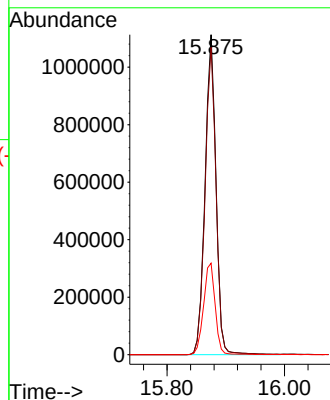
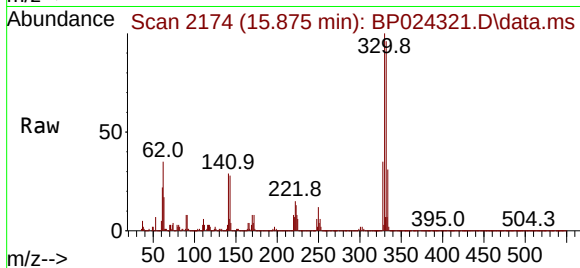


#42
 2,4,6-Tribromophenol
 Concen: 168.223 ng
 RT: 15.875 min Scan# 2175
 Delta R.T. -0.017 min
 Lab File: BP024321.D
 Acq: 17 Apr 2025 11:10

Instrument :
 BNA_P
 ClientSampleId :
 PB167599BL

Tgt Ion:330 Resp: 1447107

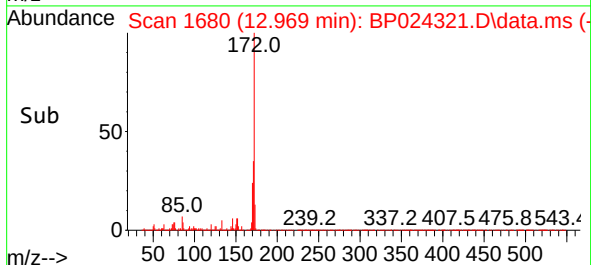
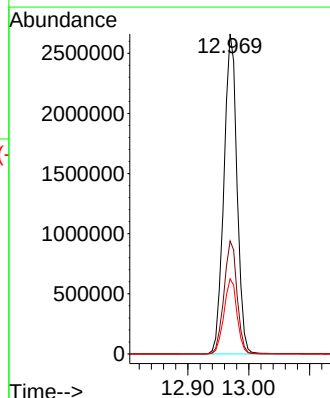
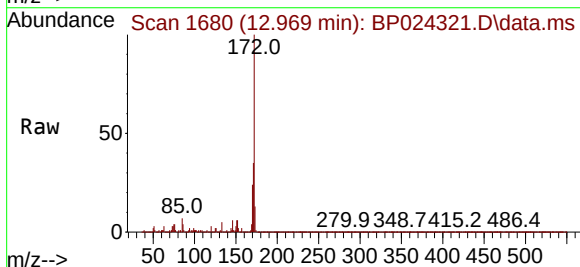
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.1	115.7
141	30.4	24.7	37.1

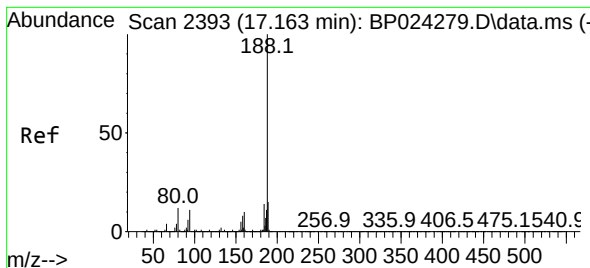


#45
 2-Fluorobiphenyl
 Concen: 97.966 ng
 RT: 12.969 min Scan# 1680
 Delta R.T. -0.012 min
 Lab File: BP024321.D
 Acq: 17 Apr 2025 11:10

Tgt Ion:172 Resp: 3978235

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.2
170	23.5	18.6	27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.157 min Scan# 21

Delta R.T. -0.023 min

Lab File: BP024321.D

Acq: 17 Apr 2025 11:10

Instrument :

BNA_P

ClientSampleId :

PB167599BL

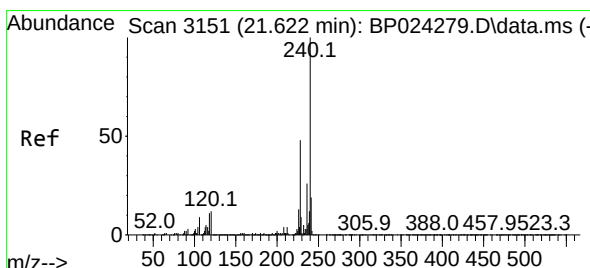
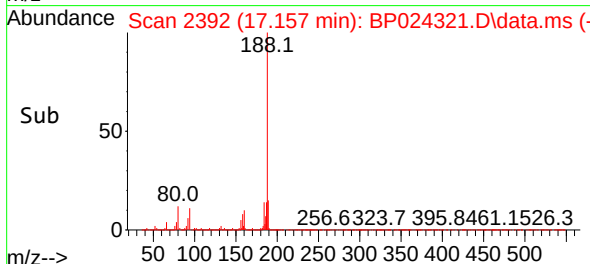
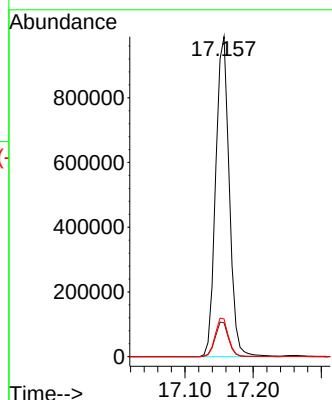
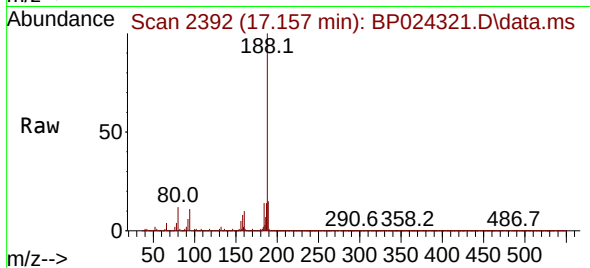
Tgt Ion:188 Resp: 1371491

Ion Ratio Lower Upper

188 100

94 10.6 8.6 13.0

80 11.8 9.8 14.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.598 min Scan# 3147

Delta R.T. -0.023 min

Lab File: BP024321.D

Acq: 17 Apr 2025 11:10

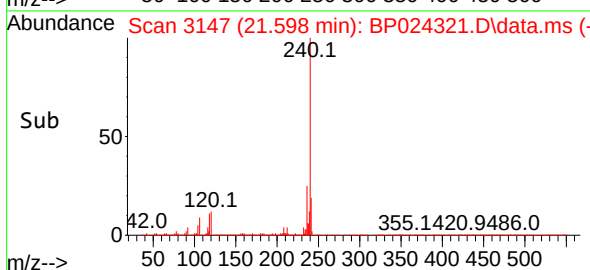
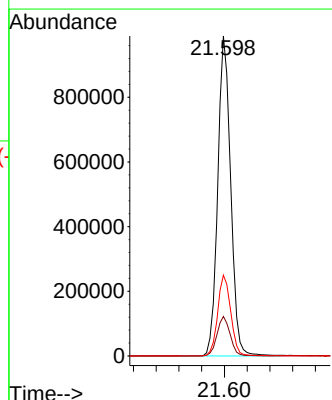
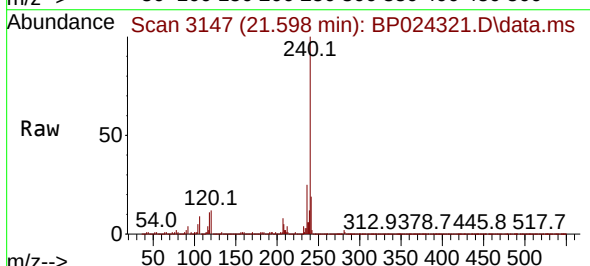
Tgt Ion:240 Resp: 1560050

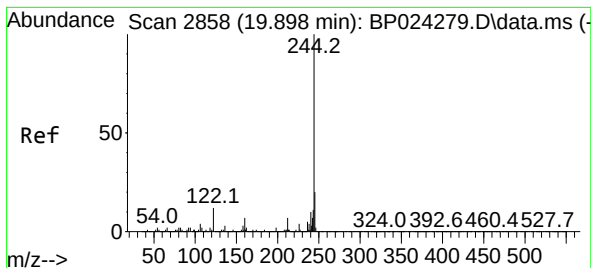
Ion Ratio Lower Upper

240 100

120 12.3 9.8 14.8

236 25.2 20.9 31.3





#79

Terphenyl-d14

Concen: 100.923 ng

RT: 19.886 min Scan# 21

Delta R.T. -0.035 min

Lab File: BP024321.D

Acq: 17 Apr 2025 11:10

Instrument :

BNA_P

ClientSampleId :

PB167599BL

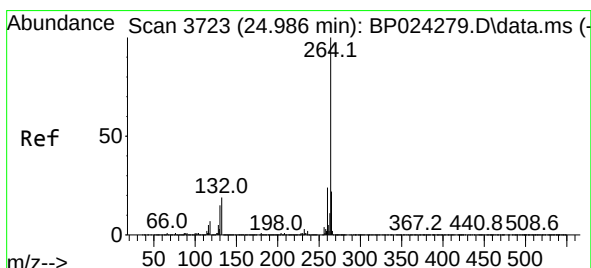
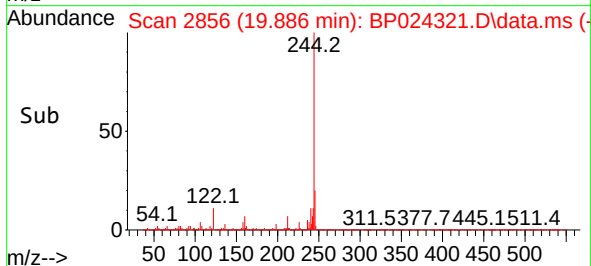
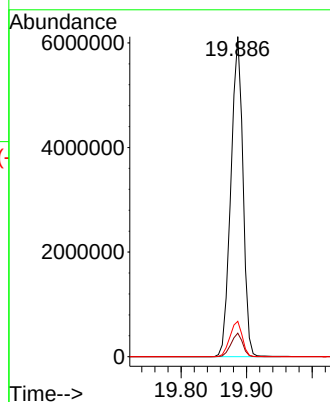
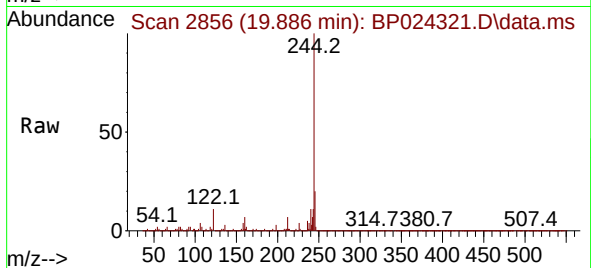
Tgt Ion:244 Resp: 7811208

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

122 11.1 9.4 14.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.957 min Scan# 3718

Delta R.T. -0.029 min

Lab File: BP024321.D

Acq: 17 Apr 2025 11:10

Tgt Ion:264 Resp: 1612262

Ion Ratio Lower Upper

264 100

260 24.3 18.9 28.3

265 21.9 17.8 26.6

