

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019912.D
 Acq On : 28 Feb 2024 12:32
 Operator : MA/JU
 Sample : PB159321BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159321BL

Quant Time: Feb 28 13:05:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	73568	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	283327	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	211074	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	559411	20.000	ng	0.00
76) Chrysene-d12	21.404	240	601791	20.000	ng	0.00
86) Perylene-d12	23.827	264	632230	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	567094	126.524	ng	0.00
7) Phenol-d6	7.075	99	760666	113.988	ng	0.00
23) Nitrobenzene-d5	9.075	82	523273	74.561	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	528637	146.065	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1304508	83.503	ng	0.00
79) Terphenyl-d14	19.875	244	3161046	82.791	ng	0.00

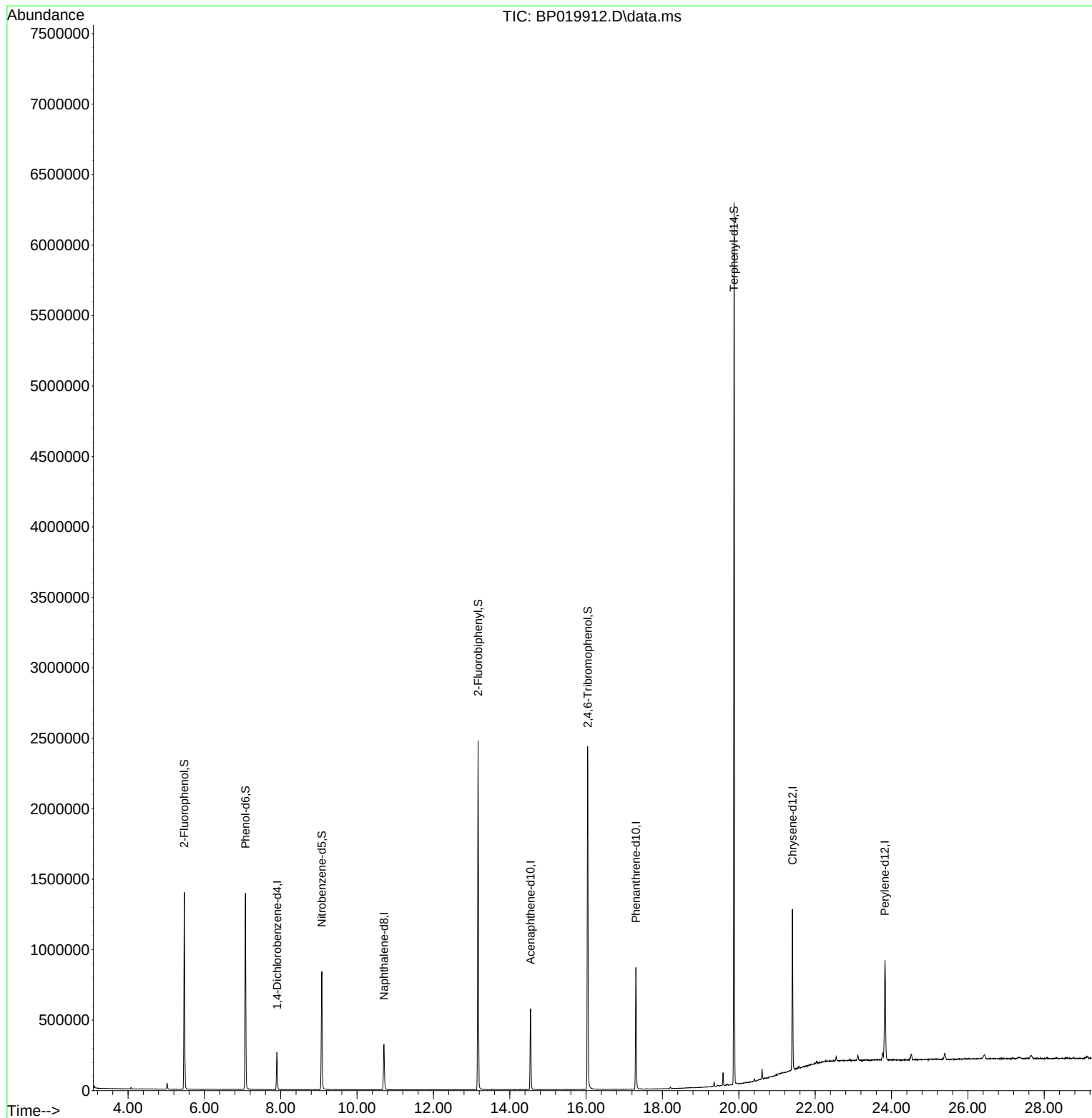
Target Compounds	Qvalue

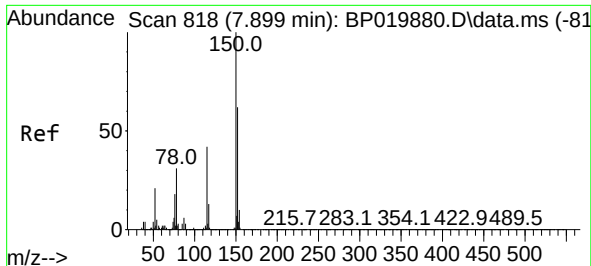
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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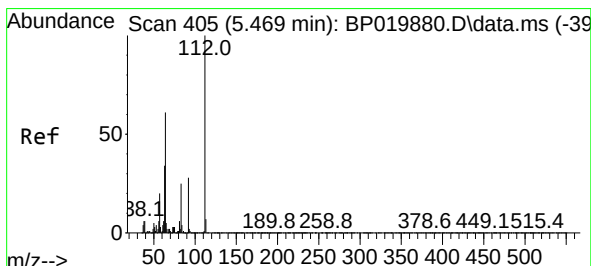
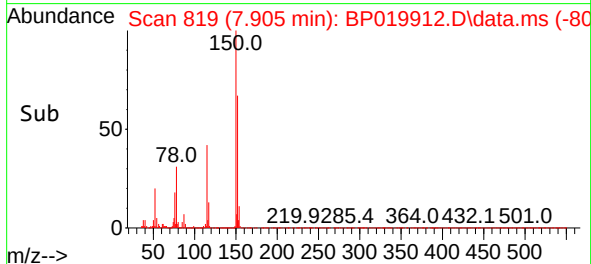
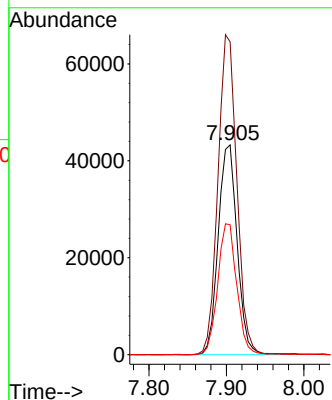
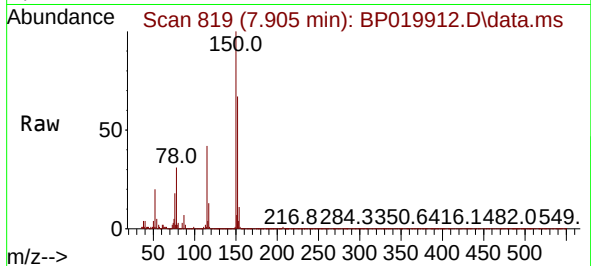




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.905 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BP019912.D
 Acq: 28 Feb 2024 12:32

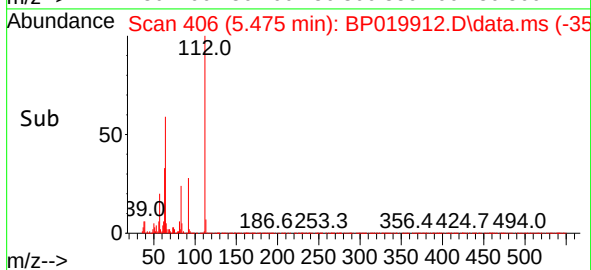
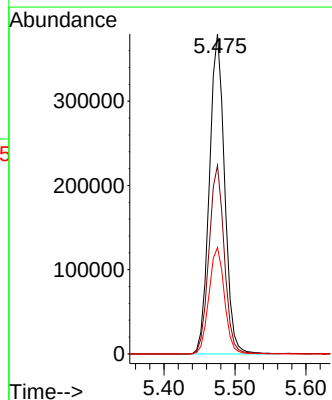
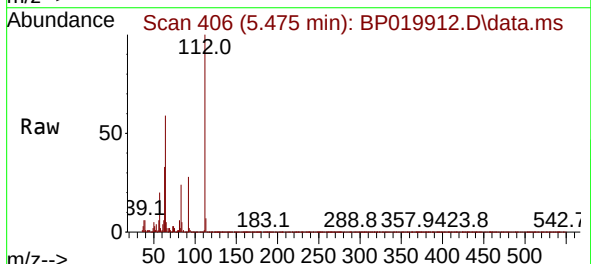
Instrument :
 BNA_P
 ClientSampleId :
 PB159321BL

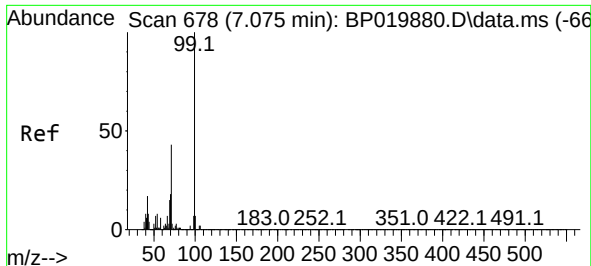
Tgt Ion:152 Resp: 73568
 Ion Ratio Lower Upper
 152 100
 150 149.2 128.6 192.8
 115 62.0 53.4 80.2



#5
 2-Fluorophenol
 Concen: 126.524 ng
 RT: 5.475 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: BP019912.D
 Acq: 28 Feb 2024 12:32

Tgt Ion:112 Resp: 567094
 Ion Ratio Lower Upper
 112 100
 64 58.9 49.0 73.6
 63 33.3 27.6 41.4

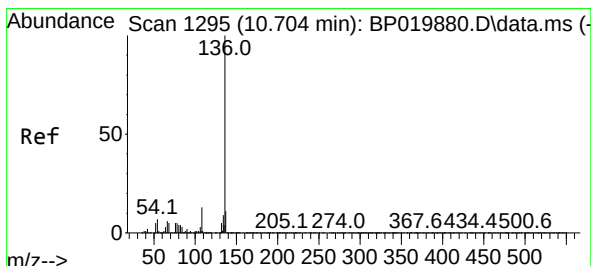
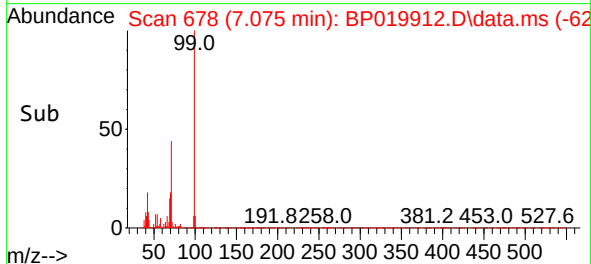
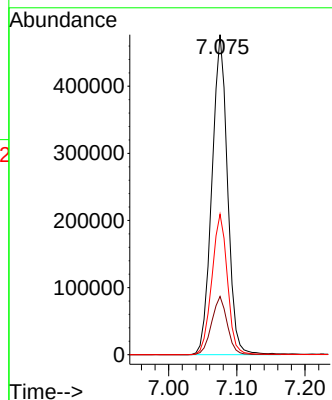
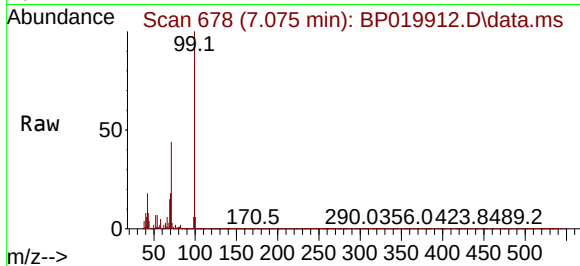




#7
Phenol-d6
Concen: 113.988 ng
RT: 7.075 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019912.D
Acq: 28 Feb 2024 12:32

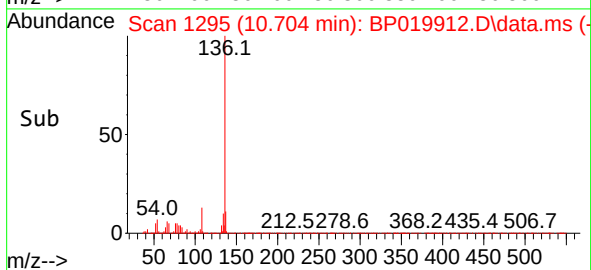
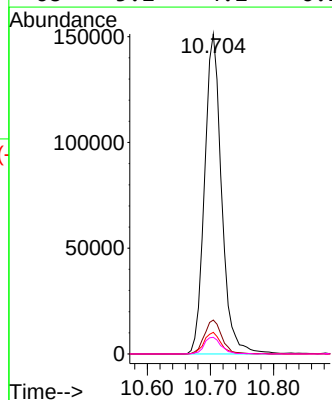
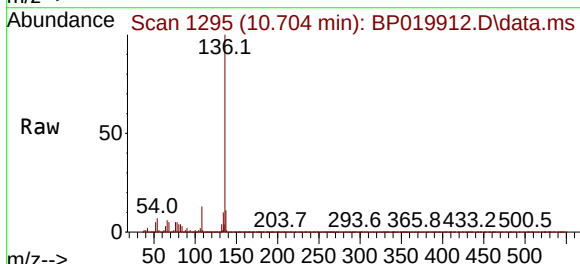
Instrument :
BNA_P
ClientSampleId :
PB159321BL

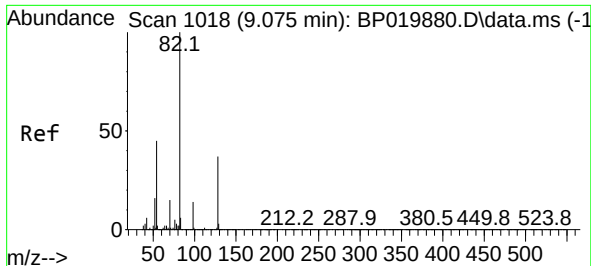
Tgt Ion: 99 Resp: 760666
Ion Ratio Lower Upper
99 100
42 18.2 13.8 20.8
71 43.9 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BP019912.D
Acq: 28 Feb 2024 12:32

Tgt Ion: 136 Resp: 283327
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 6.8 6.0 9.0
68 5.2 4.2 6.2

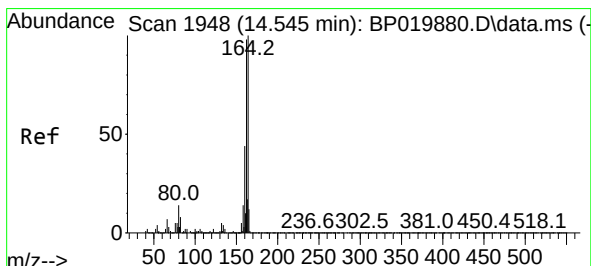
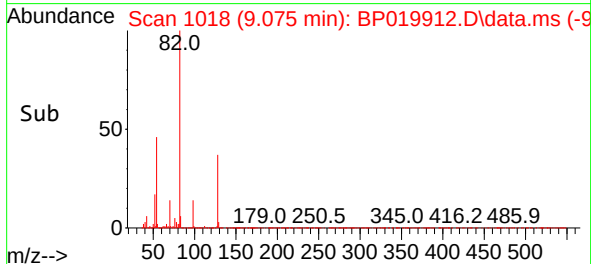
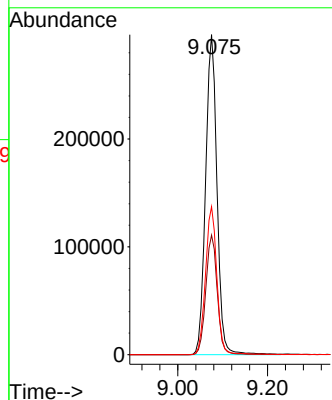
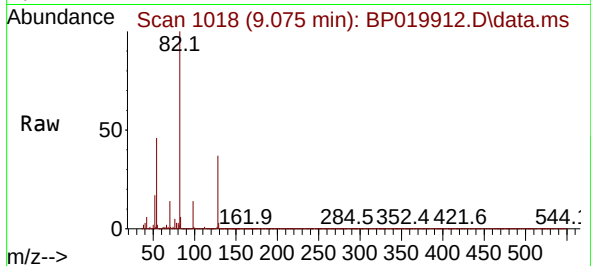




#23
Nitrobenzene-d5
Concen: 74.561 ng
RT: 9.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP019912.D
Acq: 28 Feb 2024 12:32

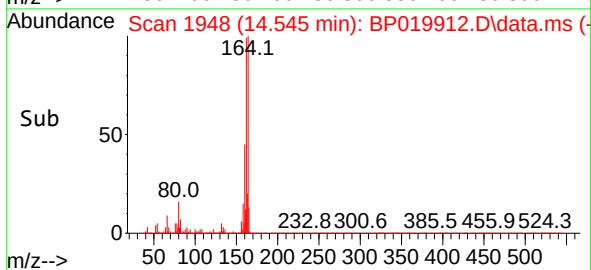
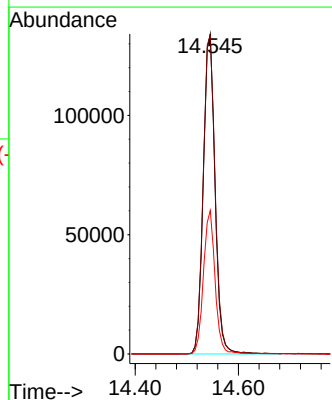
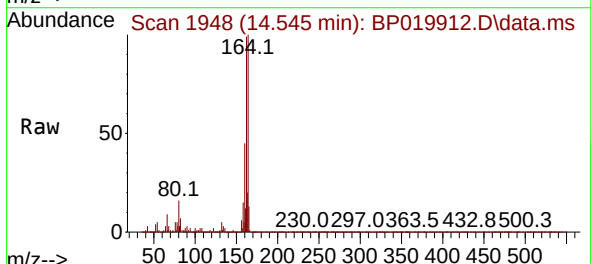
Instrument :
BNA_P
ClientSampleId :
PB159321BL

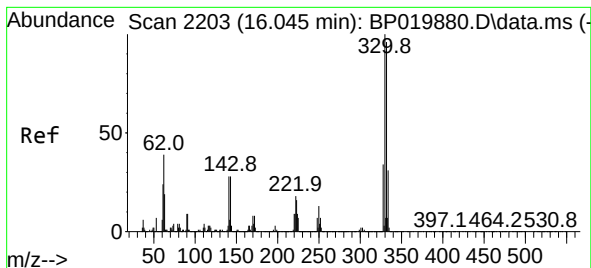
Tgt Ion: 82 Resp: 523273
Ion Ratio Lower Upper
82 100
128 37.4 29.6 44.4
54 46.3 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP019912.D
Acq: 28 Feb 2024 12:32

Tgt Ion: 164 Resp: 211074
Ion Ratio Lower Upper
164 100
162 99.5 78.1 117.1
160 44.8 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 146.065 ng

RT: 16.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019912.D

Acq: 28 Feb 2024 12:32

Instrument :

BNA_P

ClientSampleId :

PB159321BL

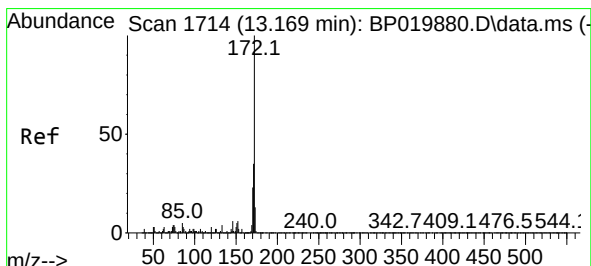
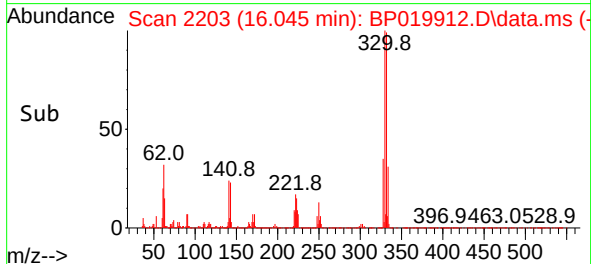
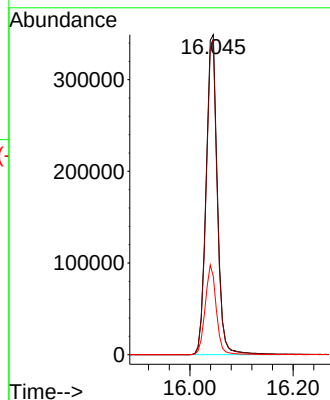
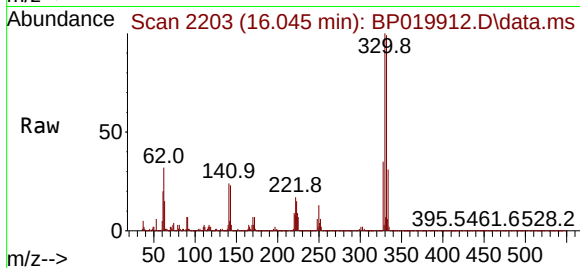
Tgt Ion:330 Resp: 528637

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

141 27.6 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 83.503 ng

RT: 13.169 min Scan# 1714

Delta R.T. 0.000 min

Lab File: BP019912.D

Acq: 28 Feb 2024 12:32

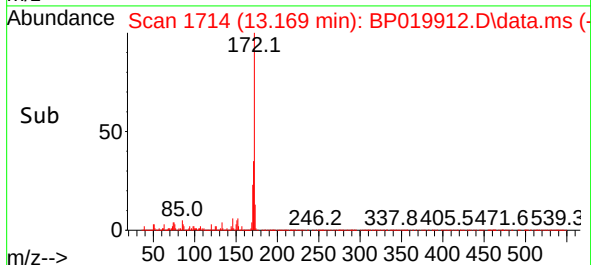
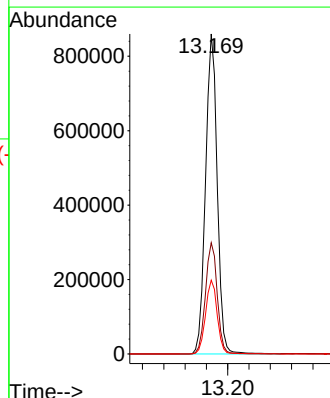
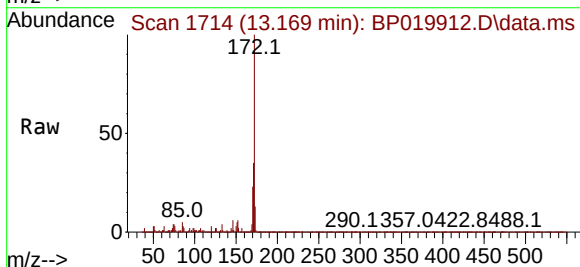
Tgt Ion:172 Resp: 1304508

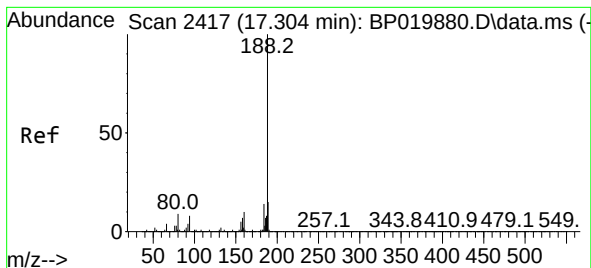
Ion Ratio Lower Upper

172 100

171 34.7 27.8 41.6

170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.304 min Scan# 2417

Delta R.T. 0.000 min

Lab File: BP019912.D

Acq: 28 Feb 2024 12:32

Instrument :

BNA_P

ClientSampleId :

PB159321BL

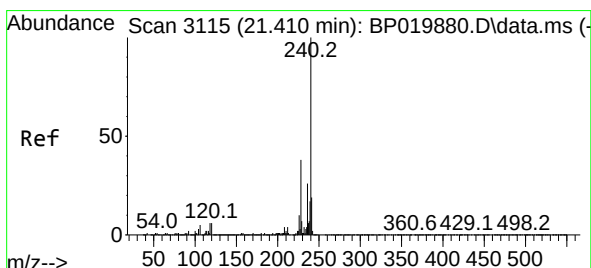
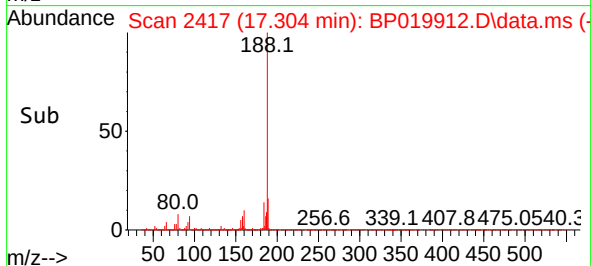
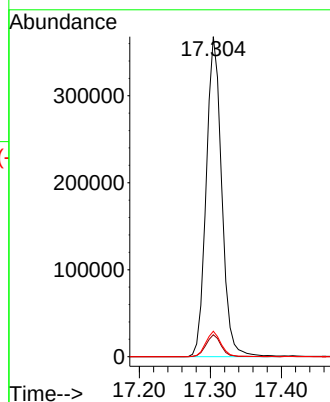
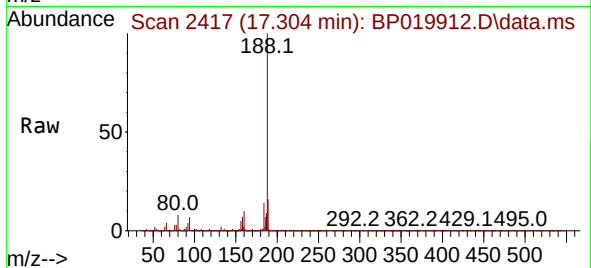
Tgt Ion:188 Resp: 559411

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.4

80 7.9 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP019912.D

Acq: 28 Feb 2024 12:32

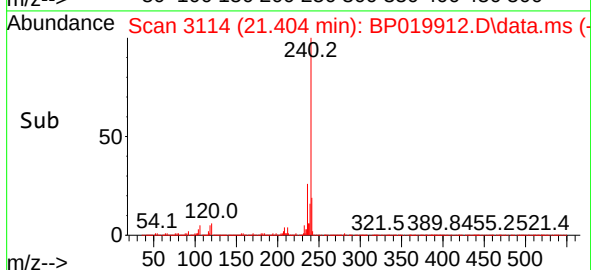
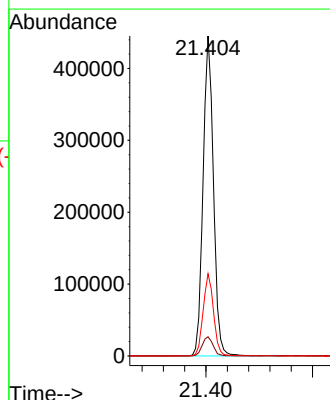
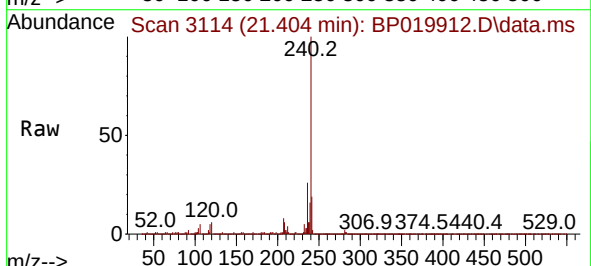
Tgt Ion:240 Resp: 601791

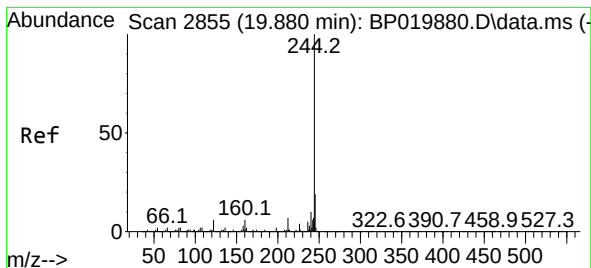
Ion Ratio Lower Upper

240 100

120 6.0 5.1 7.7

236 25.7 20.5 30.7





#79

Terphenyl-d14

Concen: 82.791 ng

RT: 19.875 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019912.D

Acq: 28 Feb 2024 12:32

Instrument :

BNA_P

ClientSampleId :

PB159321BL

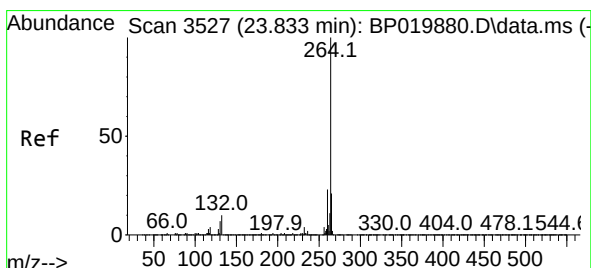
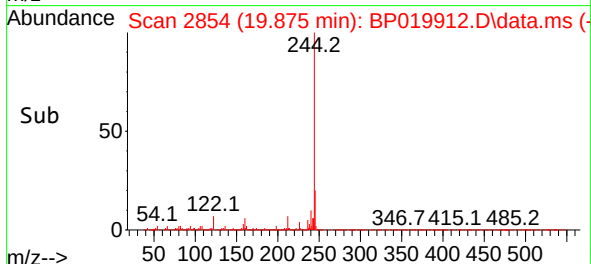
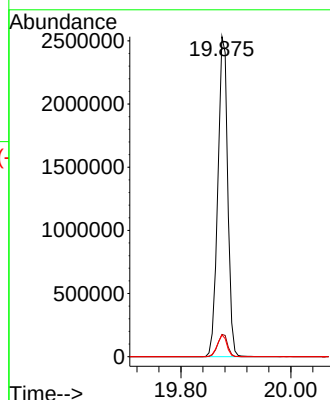
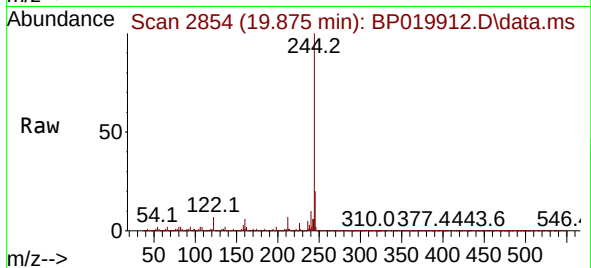
Tgt Ion:244 Resp: 3161046

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 6.8 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.827 min Scan# 3526

Delta R.T. -0.006 min

Lab File: BP019912.D

Acq: 28 Feb 2024 12:32

Tgt Ion:264 Resp: 632230

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.0 17.4 26.2

