

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
 Data File : BP019850.D
 Acq On : 23 Feb 2024 18:55
 Operator : MA/JU
 Sample : P1537-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 14

Quant Time: Feb 24 00:02:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	75654	20.000	ng	0.00
21) Naphthalene-d8	10.705	136	292226	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	204279	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	480898	20.000	ng	0.00
76) Chrysene-d12	21.416	240	447751	20.000	ng	-0.01
86) Perylene-d12	23.851	264	525005	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	364385	77.638	ng	0.00
7) Phenol-d6	7.081	99	467921	73.940	ng	0.00
23) Nitrobenzene-d5	9.075	82	329623	48.877	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	297893	99.876	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	774421	46.865	ng	0.00
79) Terphenyl-d14	19.881	244	1470343	54.004	ng	-0.01

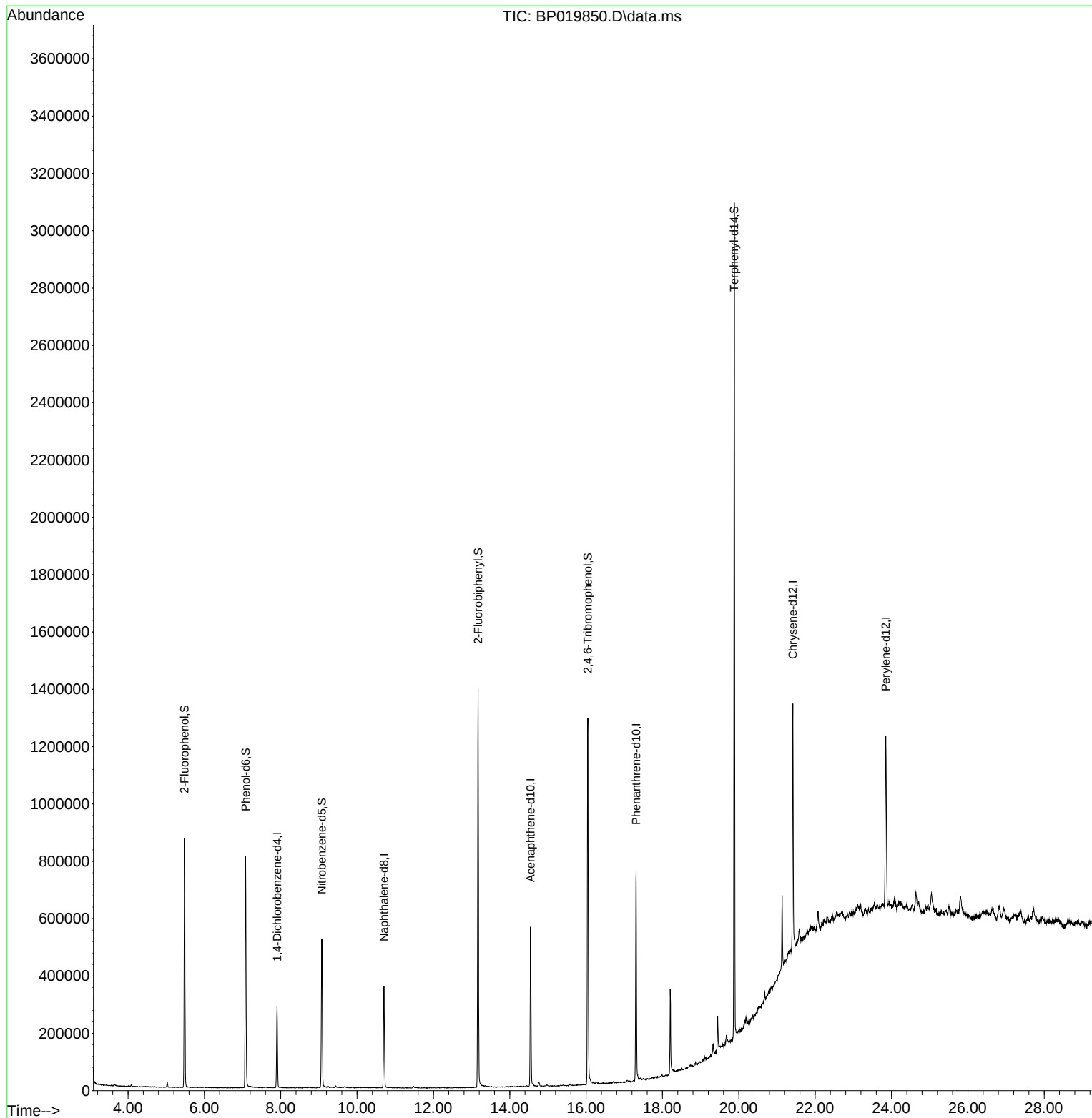
Target Compounds	Qvalue

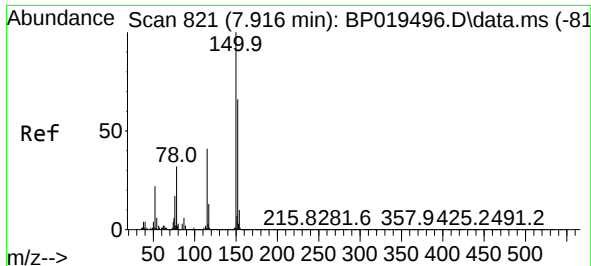
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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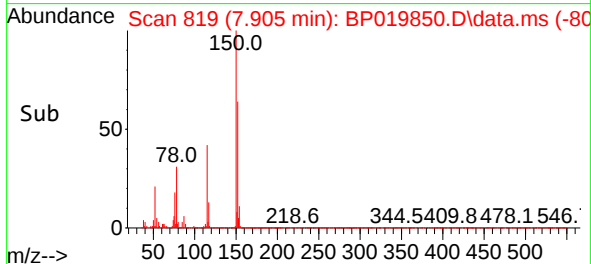
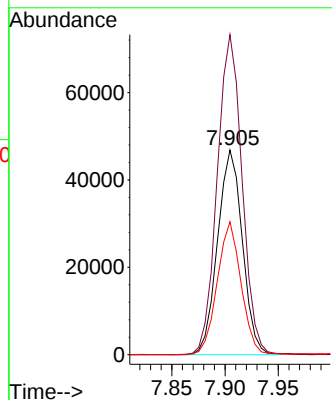
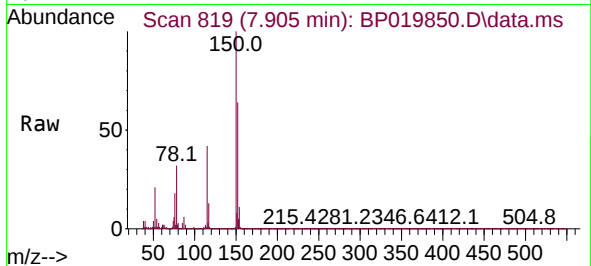




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP019850.D
Acq: 23 Feb 2024 18:55

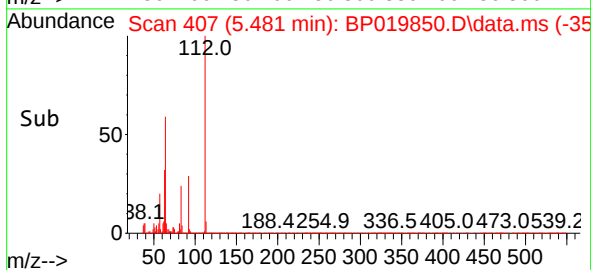
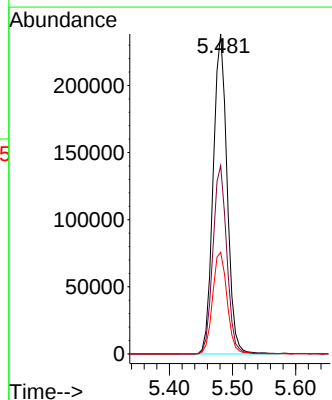
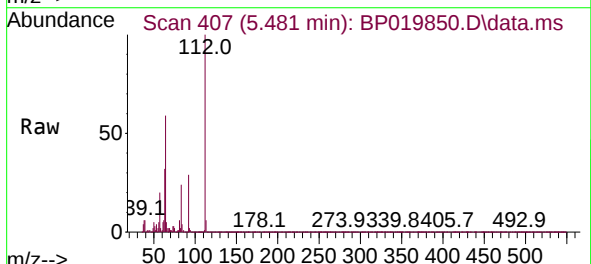
Instrument :
BNA_P
ClientSampleId :
14

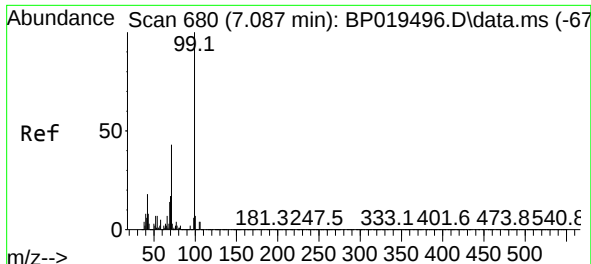
Tgt Ion:152 Resp: 75654
Ion Ratio Lower Upper
152 100
150 156.4 121.8 182.8
115 65.0 49.9 74.9



#5
2-Fluorophenol
Concen: 77.638 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP019850.D
Acq: 23 Feb 2024 18:55

Tgt Ion:112 Resp: 364385
Ion Ratio Lower Upper
112 100
64 58.8 47.4 71.0
63 31.8 27.0 40.6

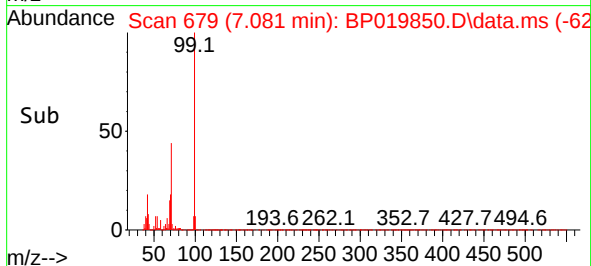
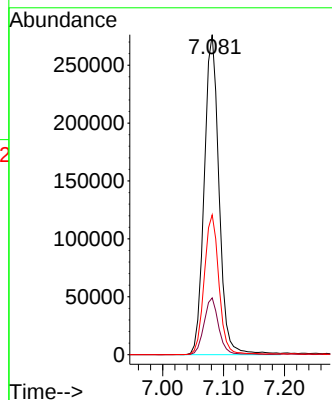
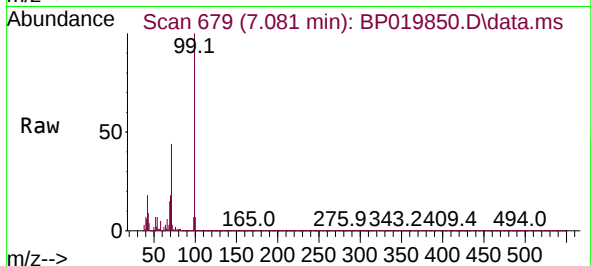




#7
Phenol-d6
Concen: 73.940 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019850.D
Acq: 23 Feb 2024 18:55

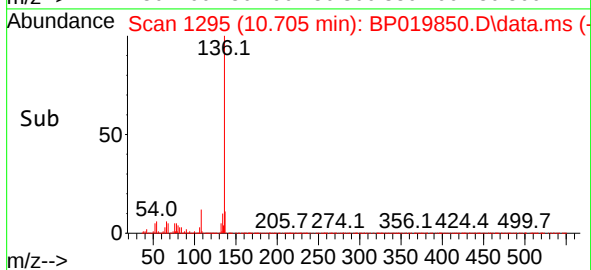
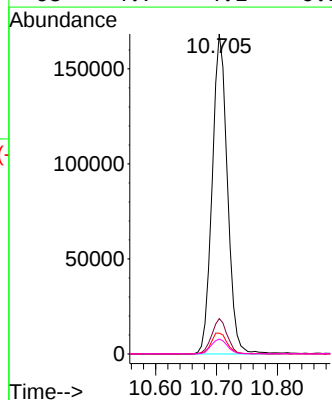
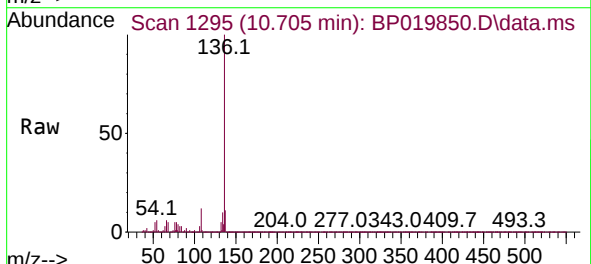
Instrument :
BNA_P
ClientSampleId :
14

Tgt Ion: 99 Resp: 467921
Ion Ratio Lower Upper
99 100
42 17.8 14.7 22.1
71 43.7 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP019850.D
Acq: 23 Feb 2024 18:55

Tgt Ion: 136 Resp: 292226
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.5 5.3 7.9
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 48.877 ng

RT: 9.075 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BP019850.D

Acq: 23 Feb 2024 18:55

Instrument :

BNA_P

ClientSampleId :

14

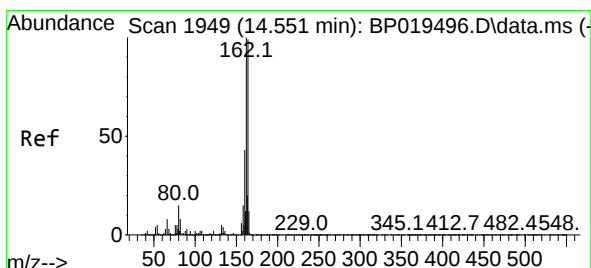
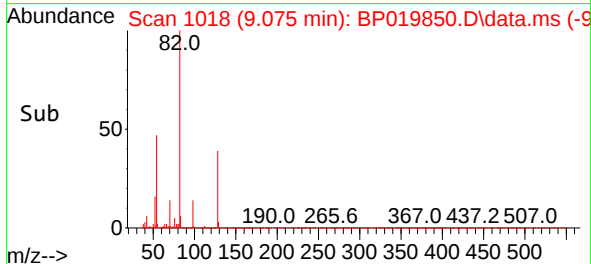
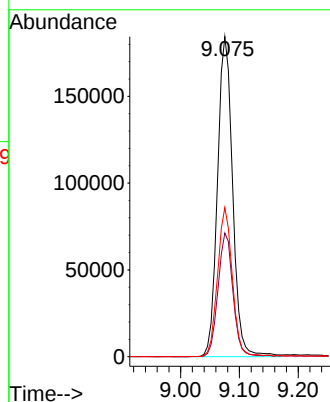
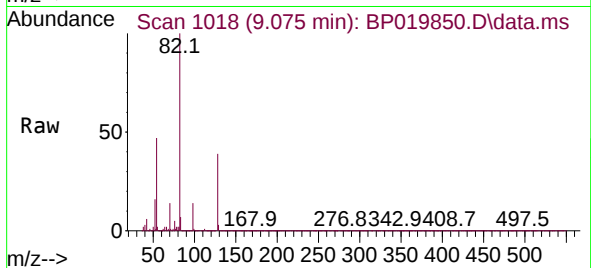
Tgt Ion: 82 Resp: 329623

Ion Ratio Lower Upper

82 100

128 38.7 29.7 44.5

54 46.6 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.545 min Scan# 1948

Delta R.T. -0.000 min

Lab File: BP019850.D

Acq: 23 Feb 2024 18:55

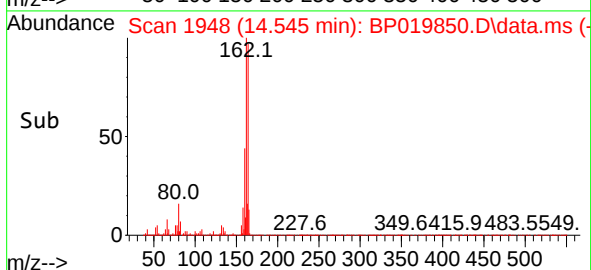
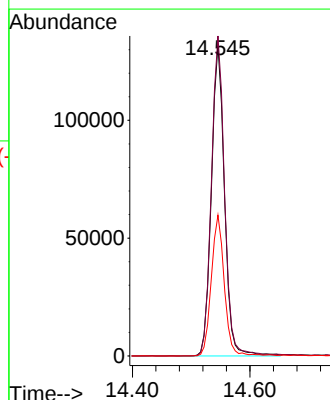
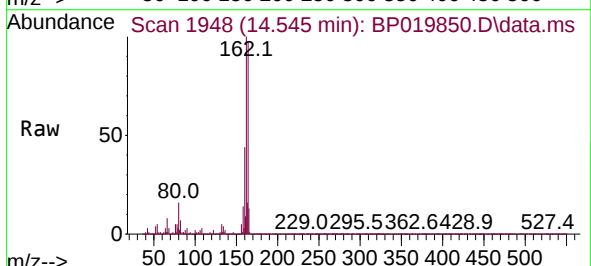
Tgt Ion: 164 Resp: 204279

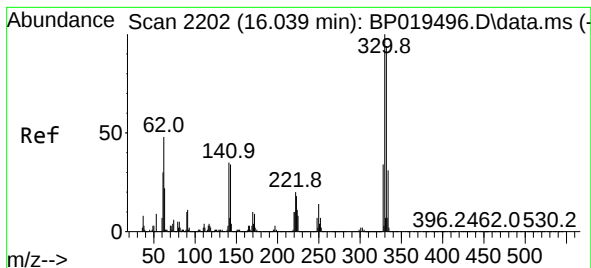
Ion Ratio Lower Upper

164 100

162 103.1 81.2 121.8

160 45.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 99.876 ng

RT: 16.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019850.D

Acq: 23 Feb 2024 18:55

Instrument :

BNA_P

ClientSampleId :

14

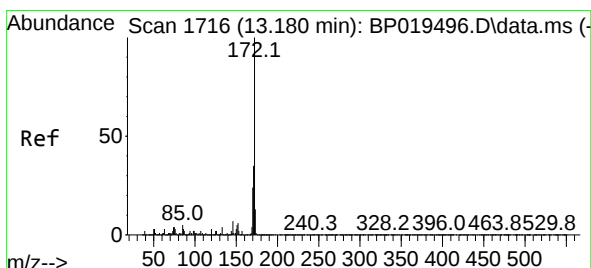
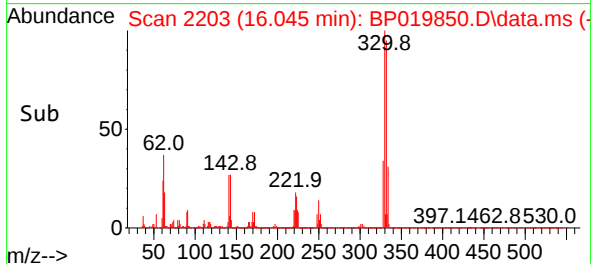
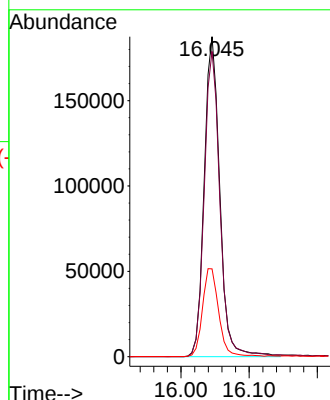
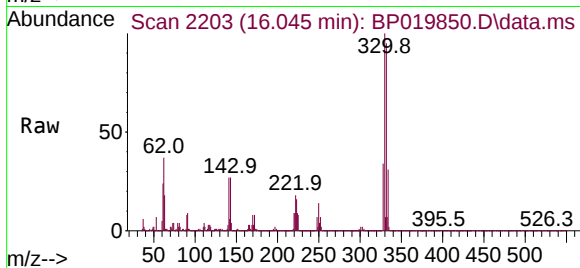
Tgt Ion:330 Resp: 297893

Ion Ratio Lower Upper

330 100

332 95.6 77.2 115.8

141 28.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 46.865 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BP019850.D

Acq: 23 Feb 2024 18:55

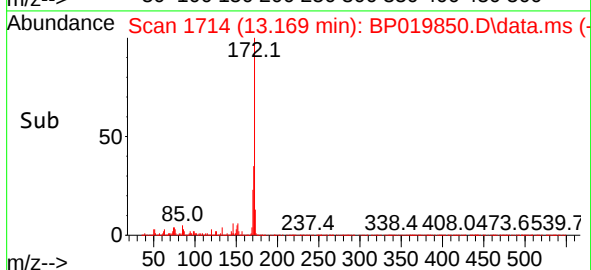
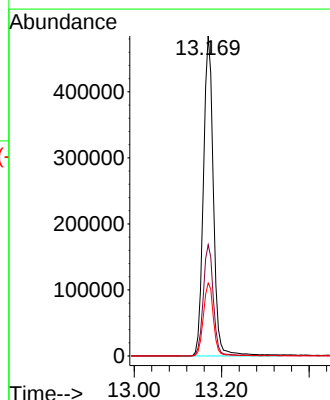
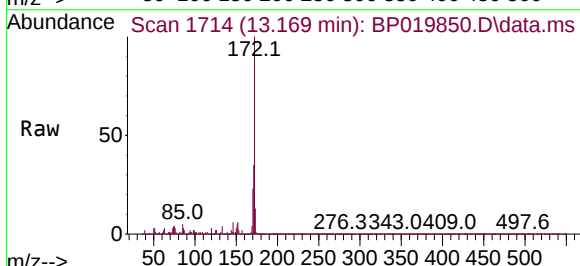
Tgt Ion:172 Resp: 774421

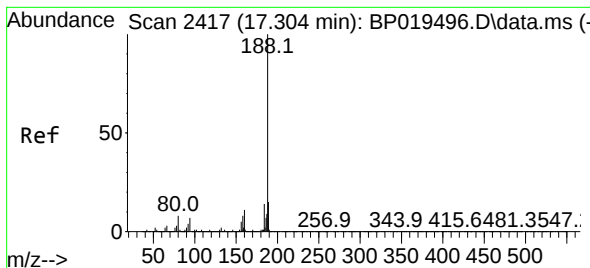
Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 22.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.310 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BP019850.D

Acq: 23 Feb 2024 18:55

Instrument :

BNA_P

ClientSampleId :

14

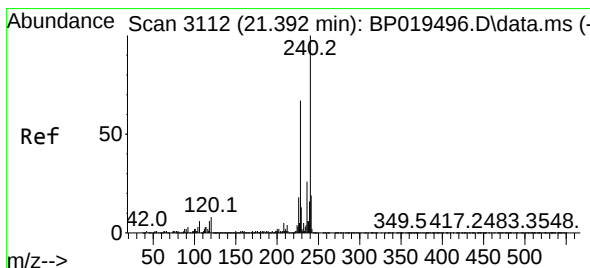
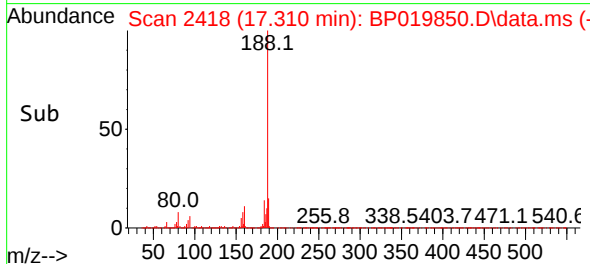
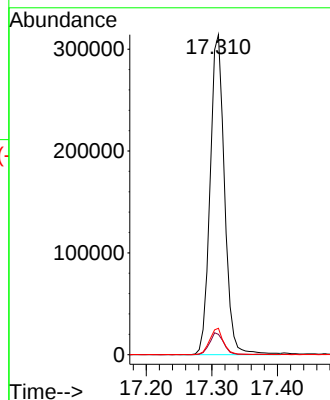
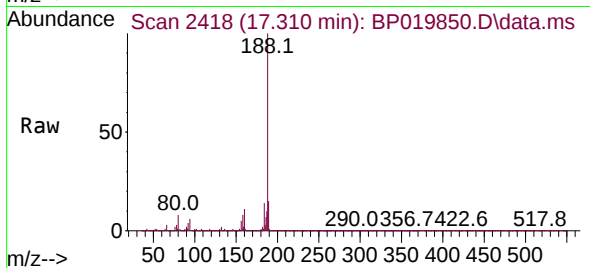
Tgt Ion:188 Resp: 480898

Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.2

80 8.2 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.416 min Scan# 3116

Delta R.T. -0.012 min

Lab File: BP019850.D

Acq: 23 Feb 2024 18:55

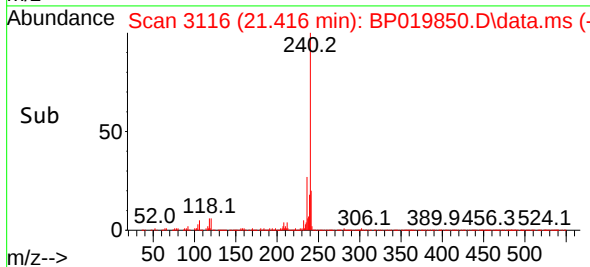
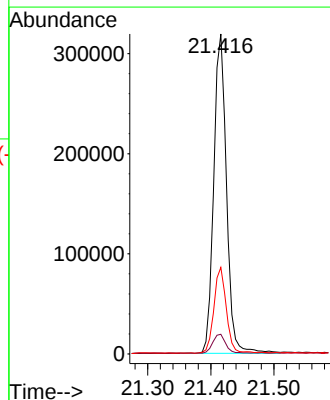
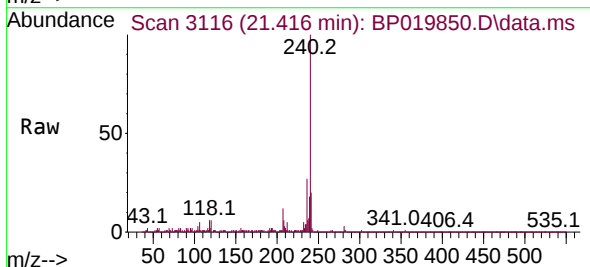
Tgt Ion:240 Resp: 447751

Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1

236 27.1 20.7 31.1

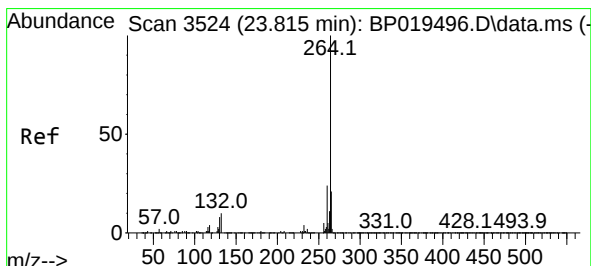
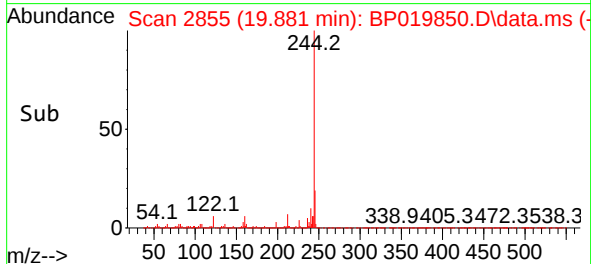
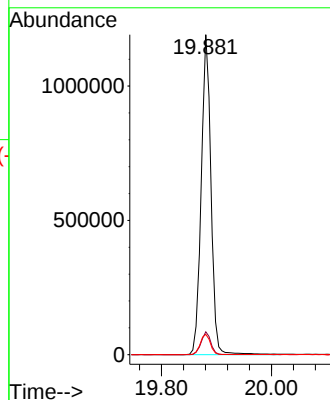
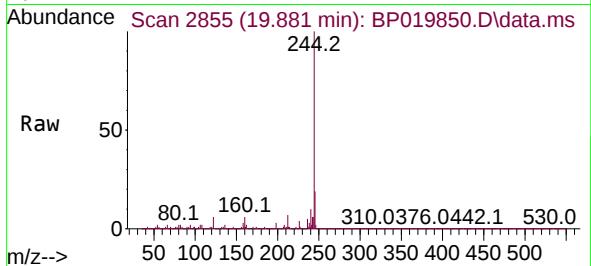




#79
 Terphenyl-d14
 Concen: 54.004 ng
 RT: 19.881 min Scan# 214
 Delta R.T. -0.012 min
 Lab File: BP019850.D
 Acq: 23 Feb 2024 18:55

Instrument :
 BNA_P
 ClientSampleId :
 14

Tgt Ion:244 Resp: 1470343
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.4 5.9 8.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.851 min Scan# 3530
 Delta R.T. -0.018 min
 Lab File: BP019850.D
 Acq: 23 Feb 2024 18:55

Tgt Ion:264 Resp: 525005
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 22.2 17.0 25.4

