

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022424\
 Data File : BP019858.D
 Acq On : 24 Feb 2024 13:03
 Operator : MA/JU
 Sample : PB159213BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159213BL

Quant Time: Feb 26 00:08:56 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	7.904	152	71286	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	256941	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	173170	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	382489	20.000	ng	0.00
76) Chrysene-d12	21.416	240	381015	20.000	ng	-0.01
86) Perylene-d12	23.851	264	452755	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	591834	133.826	ng	0.00
7) Phenol-d6	7.081	99	683036	114.545	ng	0.00
23) Nitrobenzene-d5	9.075	82	496958	83.809	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	348259	137.739	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1104348	78.837	ng	0.00
79) Terphenyl-d14	19.880	244	2218466	95.754	ng	-0.01

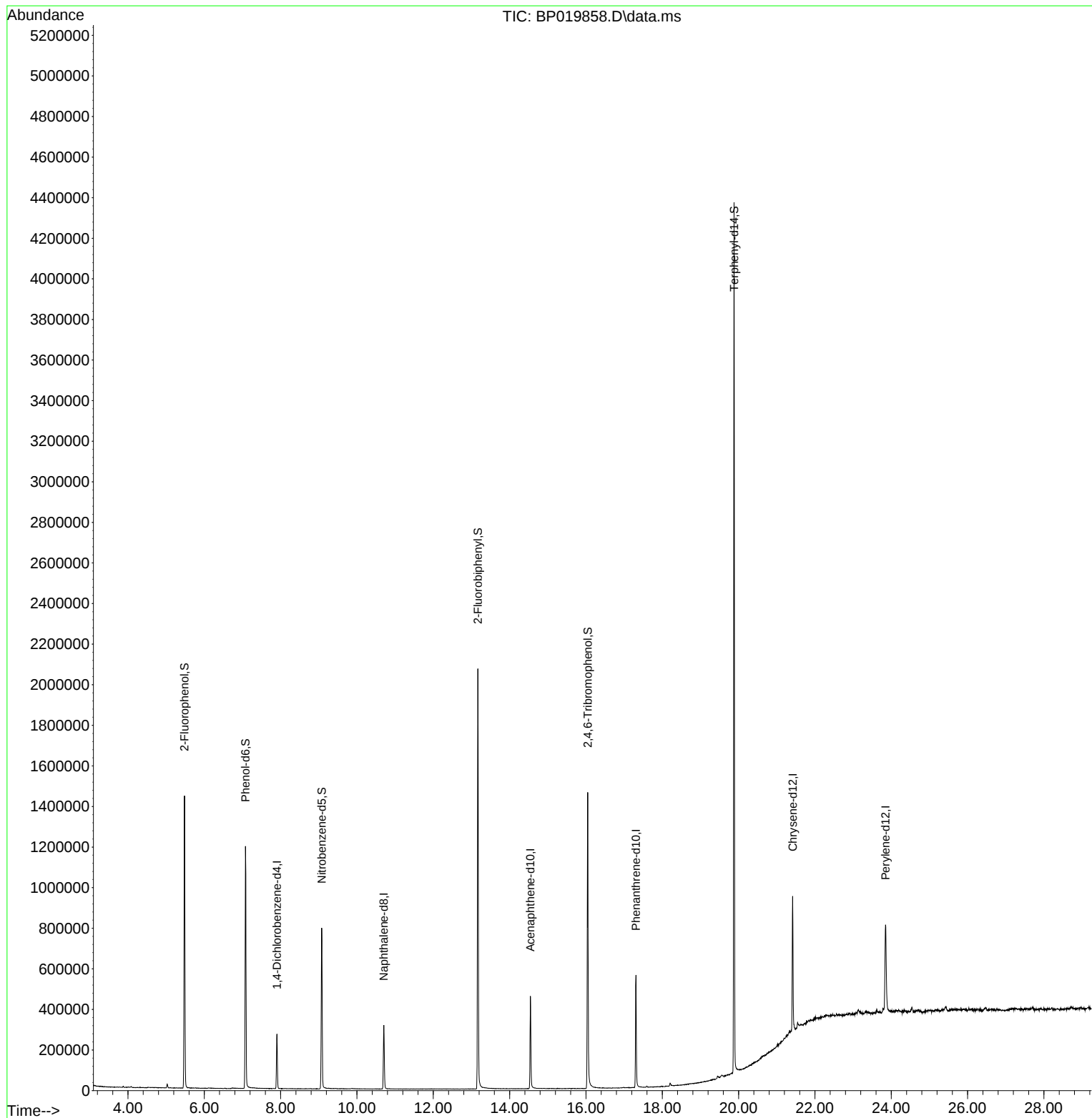
Target Compounds	Qvalue

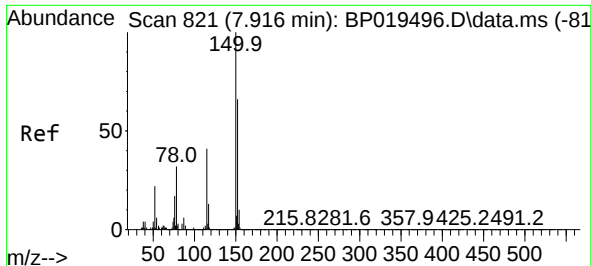
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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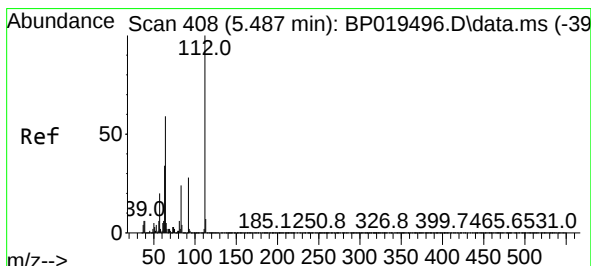
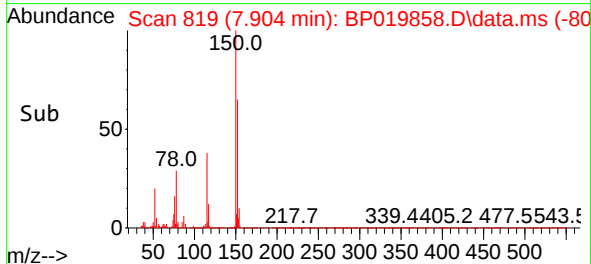
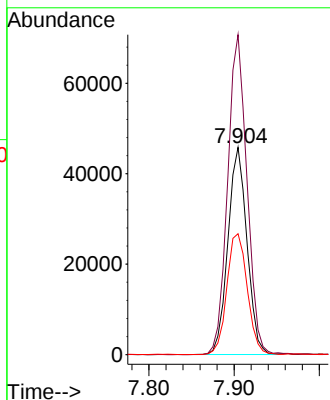
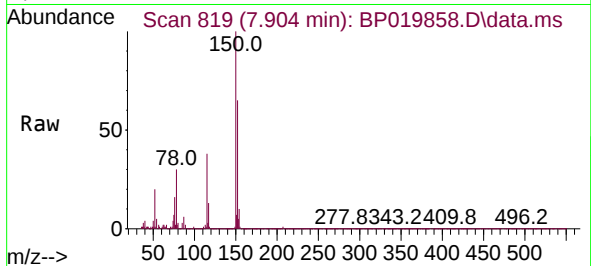




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.904 min Scan# 81
Delta R.T. 0.005 min
Lab File: BP019858.D
Acq: 24 Feb 2024 13:03

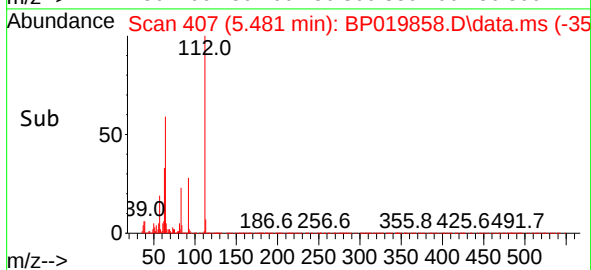
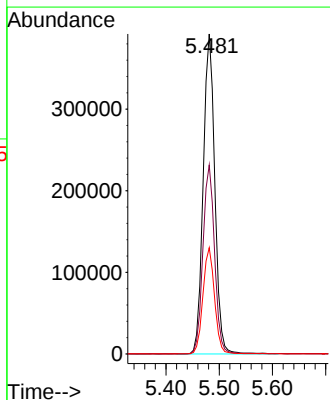
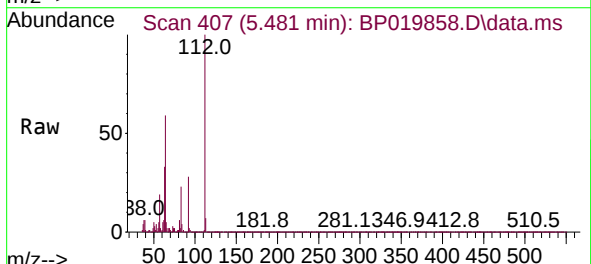
Instrument :
BNA_P
ClientSampleId :
PB159213BL

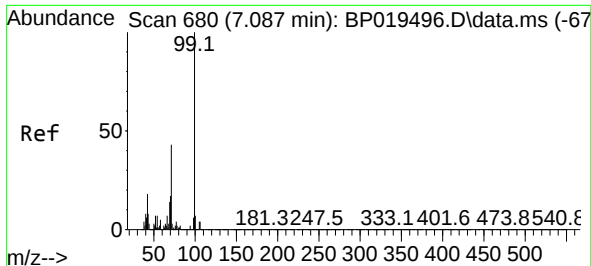
Tgt Ion:152 Resp: 71286
Ion Ratio Lower Upper
152 100
150 154.4 121.8 182.8
115 58.3 49.9 74.9



#5
2-Fluorophenol
Concen: 133.826 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.006 min
Lab File: BP019858.D
Acq: 24 Feb 2024 13:03

Tgt Ion:112 Resp: 591834
Ion Ratio Lower Upper
112 100
64 59.0 47.4 71.0
63 33.2 27.0 40.6

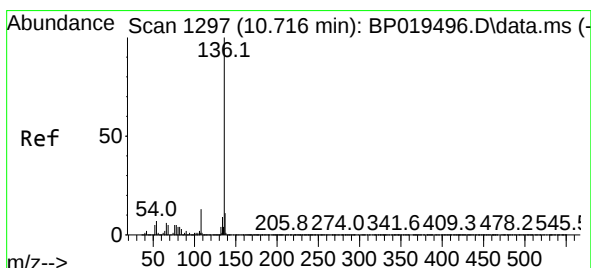
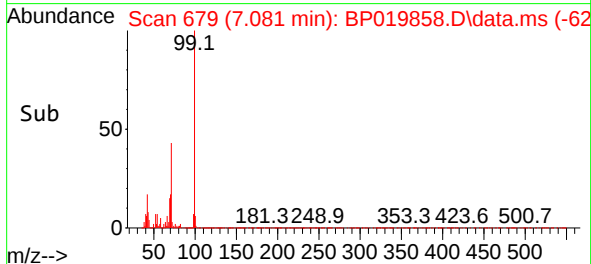
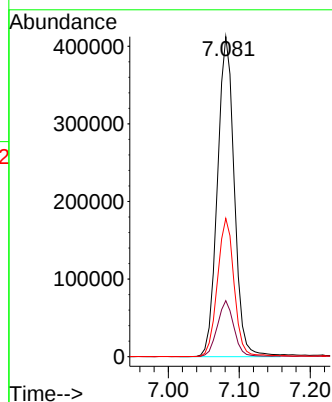
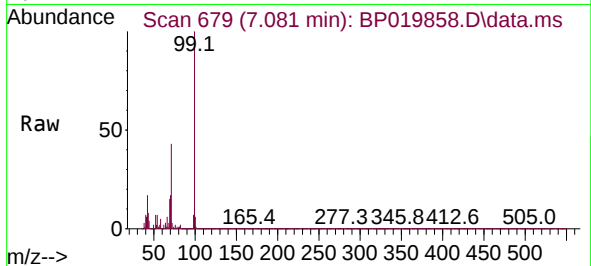




#7
Phenol-d6
Concen: 114.545 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP019858.D
Acq: 24 Feb 2024 13:03

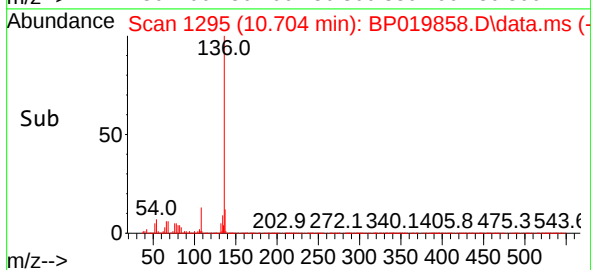
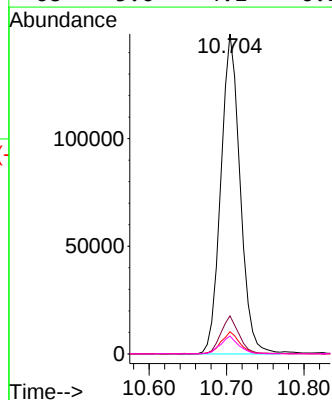
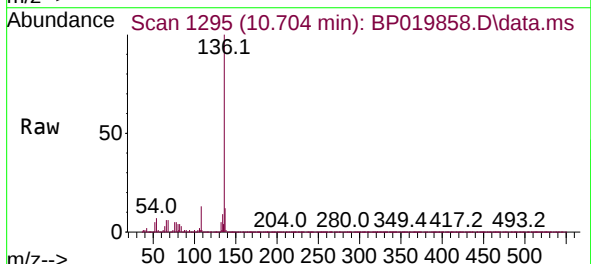
Instrument :
BNA_P
ClientSampleId :
PB159213BL

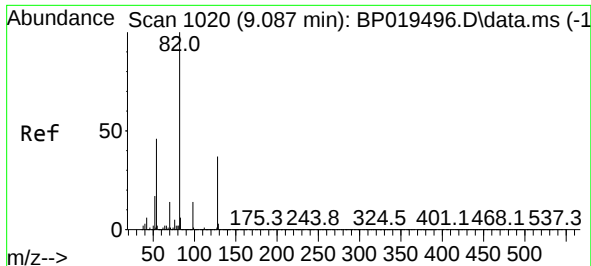
Tgt Ion: 99 Resp: 683036
Ion Ratio Lower Upper
99 100
42 17.5 14.7 22.1
71 43.2 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BP019858.D
Acq: 24 Feb 2024 13:03

Tgt Ion: 136 Resp: 256941
Ion Ratio Lower Upper
136 100
137 11.9 8.8 13.2
54 6.9 5.3 7.9
68 5.6 4.1 6.1

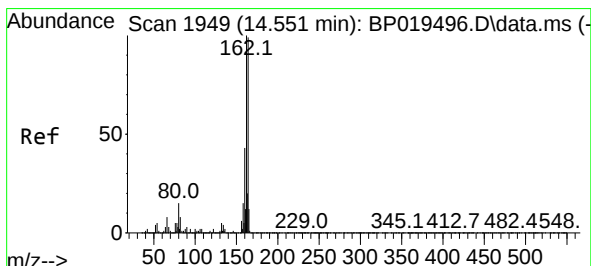
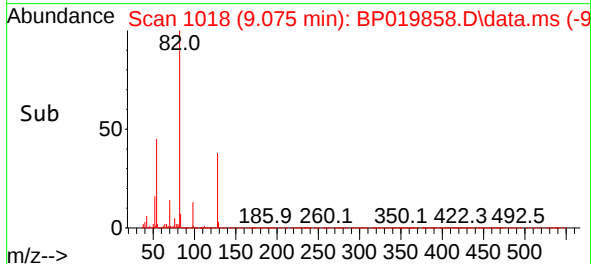
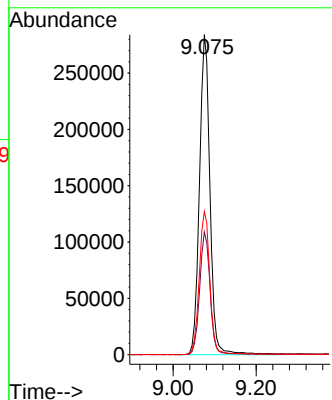
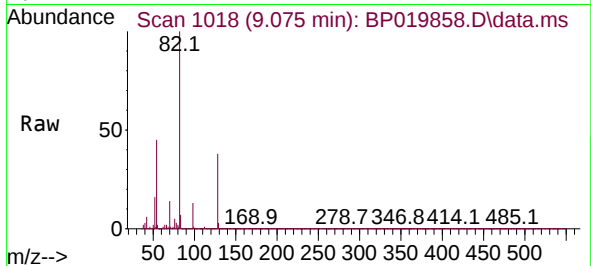




#23
Nitrobenzene-d5
Concen: 83.809 ng
RT: 9.075 min Scan# 10
Delta R.T. -0.000 min
Lab File: BP019858.D
Acq: 24 Feb 2024 13:03

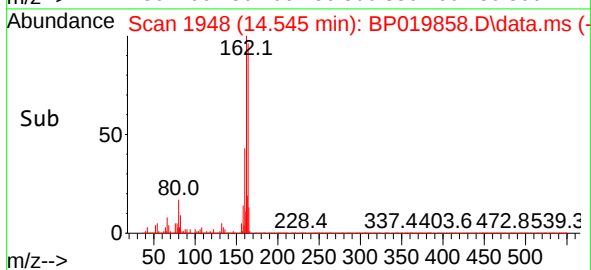
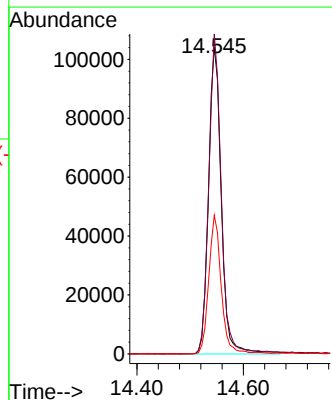
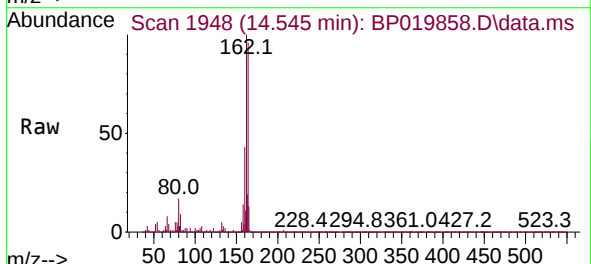
Instrument :
BNA_P
ClientSampleId :
PB159213BL

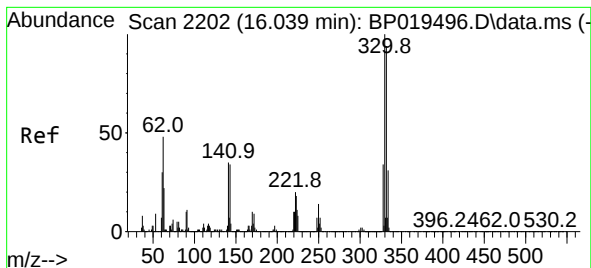
Tgt Ion: 82 Resp: 496958
Ion Ratio Lower Upper
82 100
128 38.3 29.7 44.5
54 44.7 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BP019858.D
Acq: 24 Feb 2024 13:03

Tgt Ion: 164 Resp: 173170
Ion Ratio Lower Upper
164 100
162 104.2 81.2 121.8
160 45.2 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 137.739 ng

RT: 16.045 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP019858.D

Acq: 24 Feb 2024 13:03

Instrument :

BNA_P

ClientSampleId :

PB159213BL

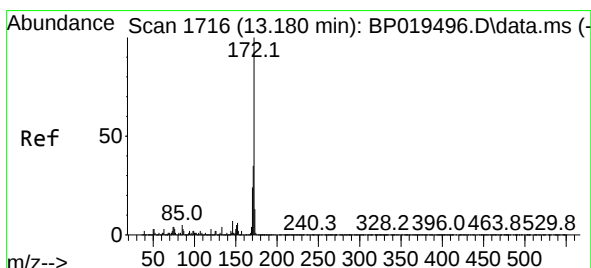
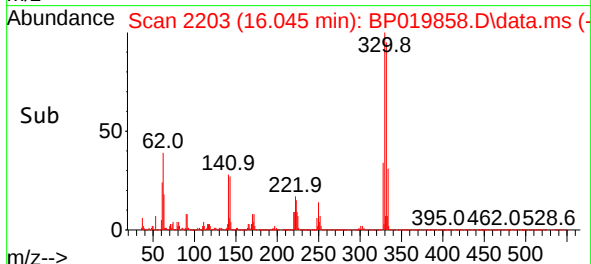
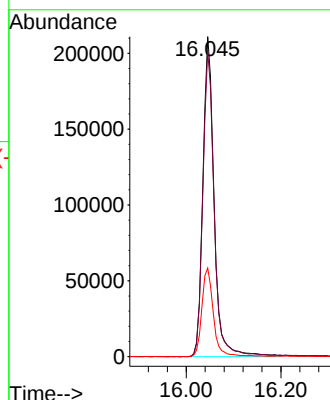
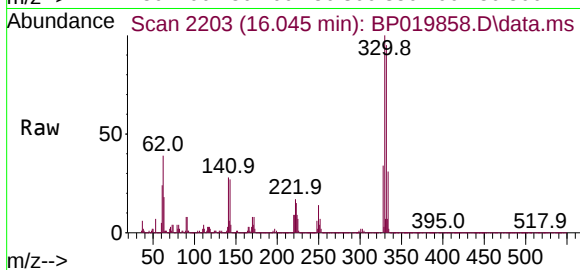
Tgt Ion:330 Resp: 348259

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 28.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 78.837 ng

RT: 13.169 min Scan# 1714

Delta R.T. -0.000 min

Lab File: BP019858.D

Acq: 24 Feb 2024 13:03

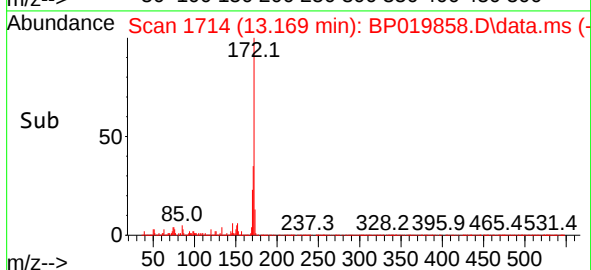
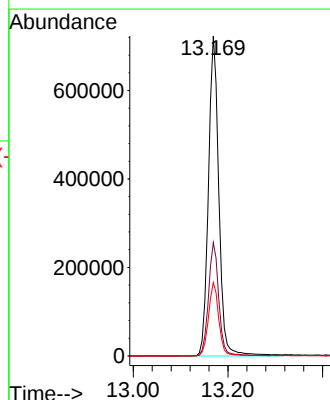
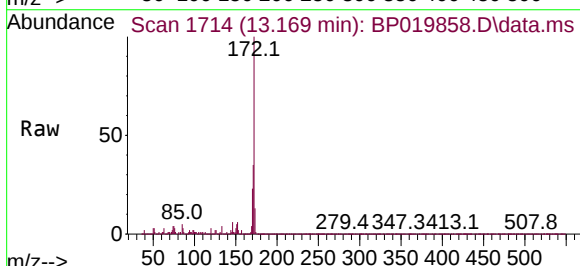
Tgt Ion:172 Resp: 1104348

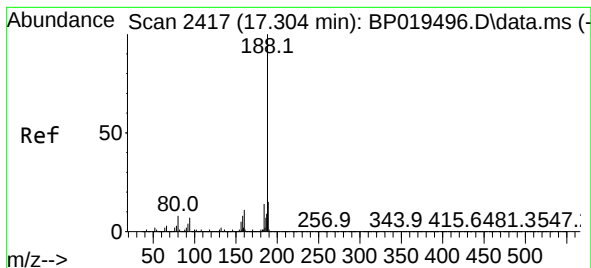
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 22.9 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: BP019858.D

Acq: 24 Feb 2024 13:03

Instrument :

BNA_P

ClientSampleId :

PB159213BL

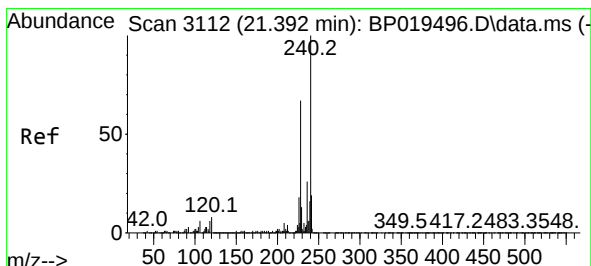
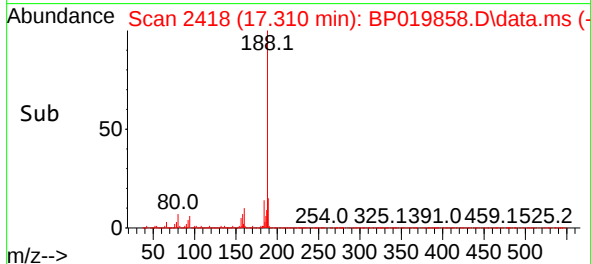
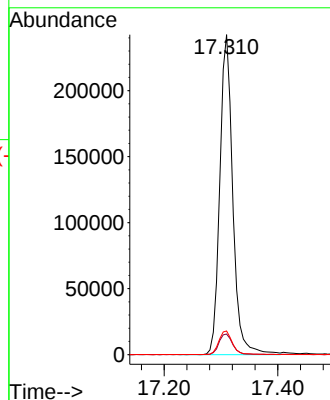
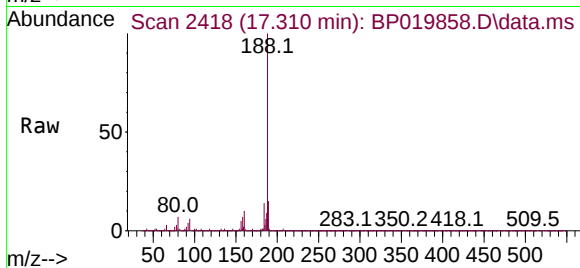
Tgt Ion:188 Resp: 382489

Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.2

80 7.4 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: BP019858.D

Acq: 24 Feb 2024 13:03

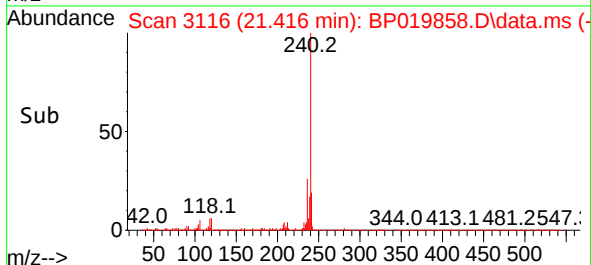
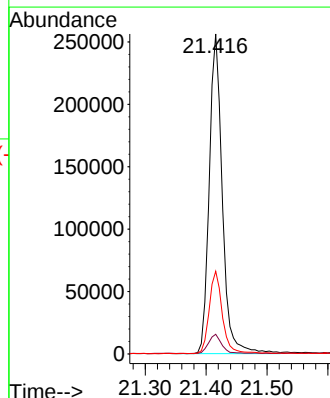
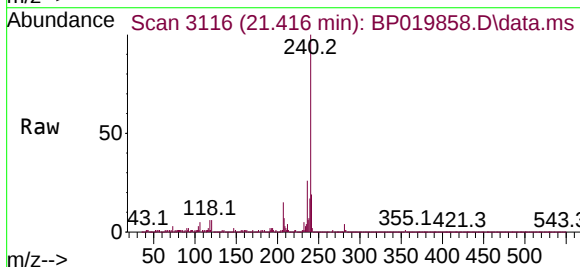
Tgt Ion:240 Resp: 381015

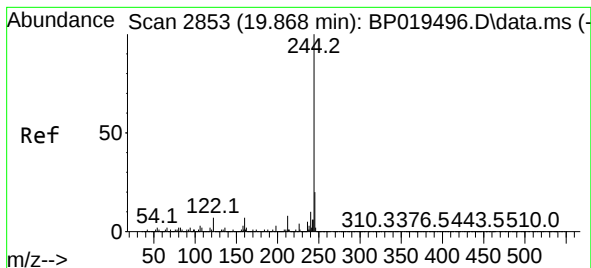
Ion Ratio Lower Upper

240 100

120 6.1 6.1 9.1

236 25.8 20.7 31.1





#79

Terphenyl-d14

Concen: 95.754 ng

RT: 19.880 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP019858.D

Acq: 24 Feb 2024 13:03

Instrument :

BNA_P

ClientSampleId :

PB159213BL

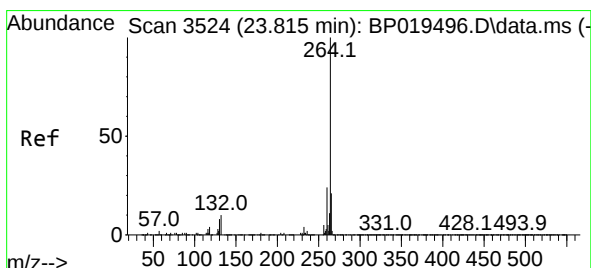
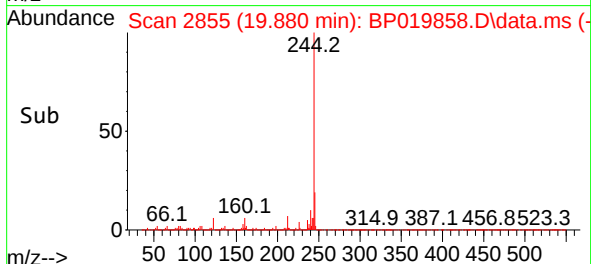
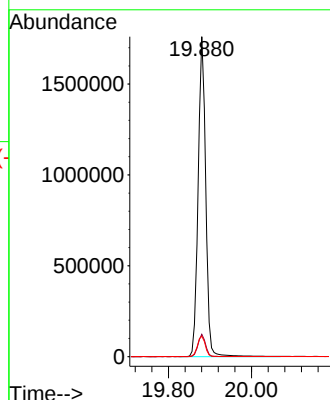
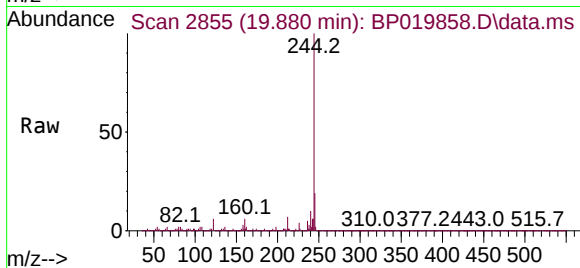
Tgt Ion:244 Resp: 2218466

Ion Ratio Lower Upper

244 100

212 7.0 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: BP019858.D

Acq: 24 Feb 2024 13:03

Tgt Ion:264 Resp: 452755

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.3 17.0 25.4

