

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021424\
 Data File : BP019700.D
 Acq On : 14 Feb 2024 14:23
 Operator : MA/JU
 Sample : P1394-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-2(3-4)

Quant Time: Feb 14 14:54:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 00:51:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	62623	20.000	ng	-0.01
21) Naphthalene-d8	10.705	136	226519	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	148693	20.000	ng	-0.02
64) Phenanthrene-d10	17.292	188	358719	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	368250	20.000	ng	0.00
86) Perylene-d12	23.804	264	416082	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	312214	80.364	ng	-0.01
7) Phenol-d6	7.075	99	394259	75.264	ng	-0.01
23) Nitrobenzene-d5	9.069	82	272271	52.083	ng	-0.02
42) 2,4,6-Tribromophenol	16.034	330	228341	105.177	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	620974	51.628	ng	-0.02
79) Terphenyl-d14	19.863	244	1229977	54.929	ng	0.00

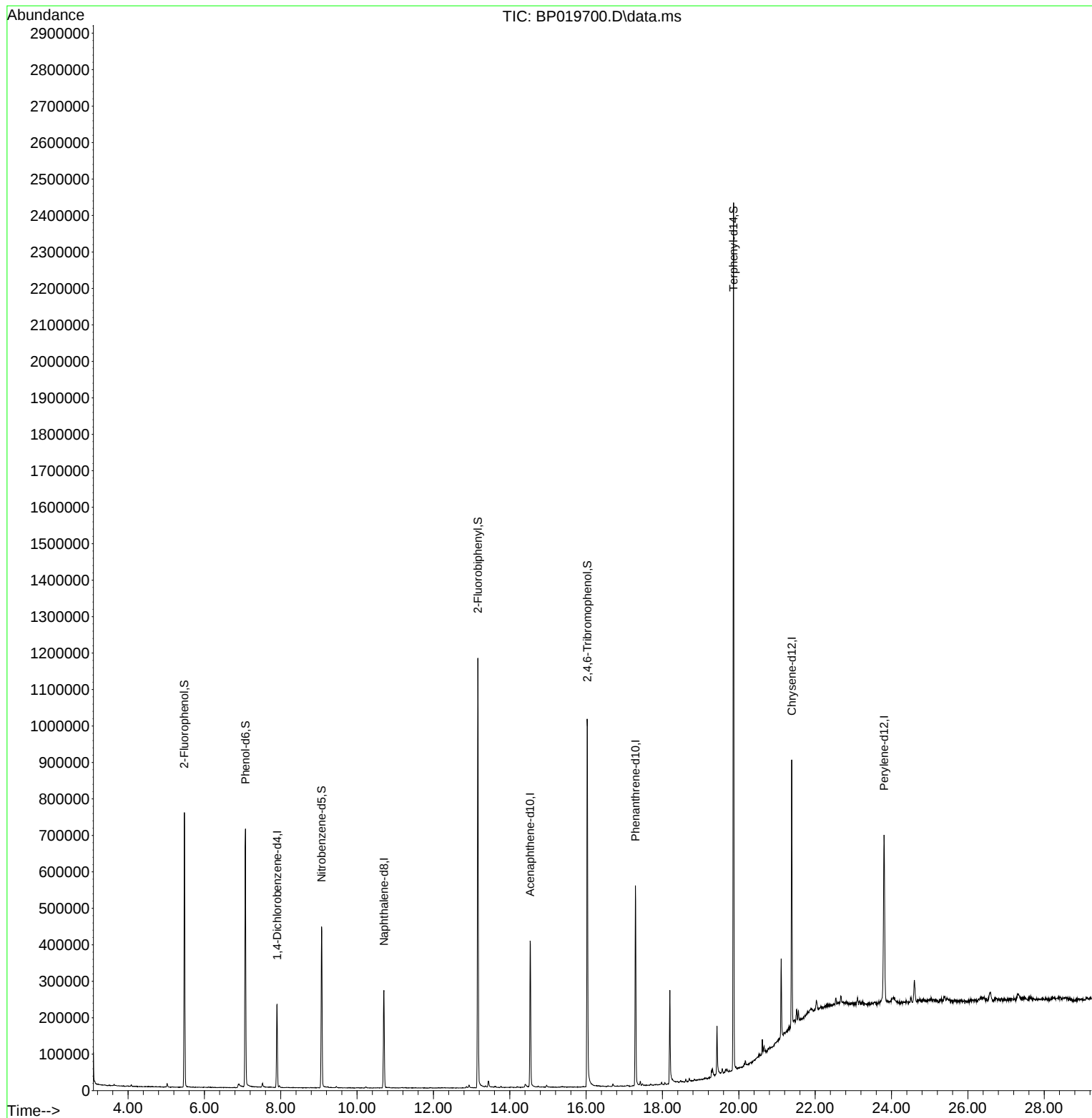
Target Compounds	Qvalue

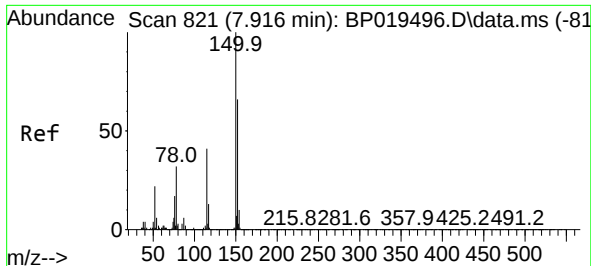
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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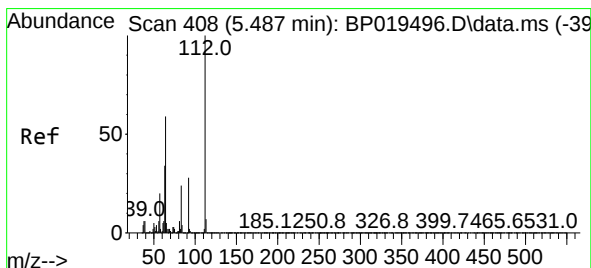
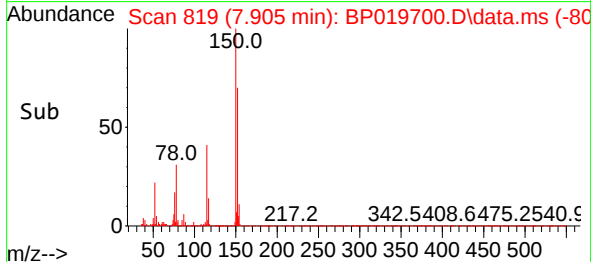
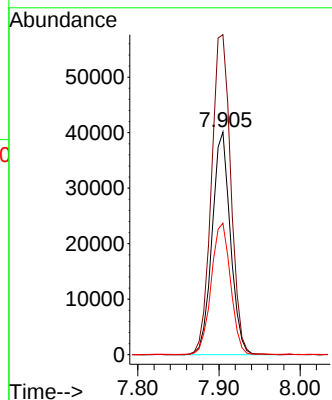
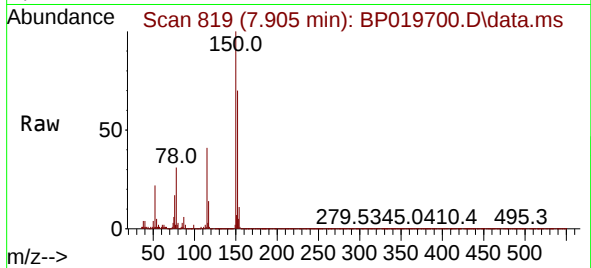




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019700.D
Acq: 14 Feb 2024 14:23

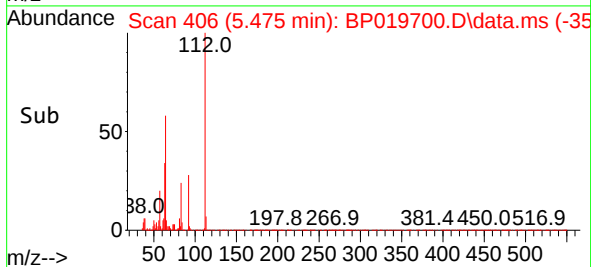
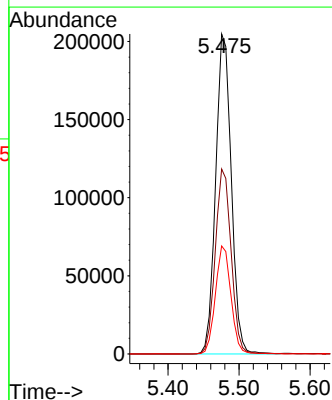
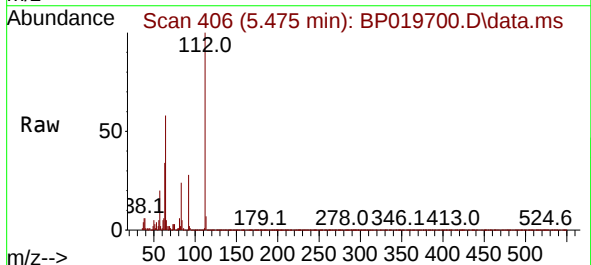
Instrument :
BNA_P
ClientSampleId :
SB-2(3-4)

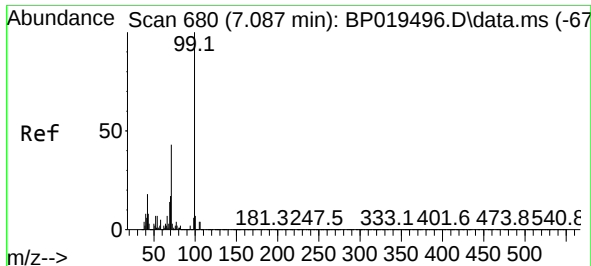
Tgt Ion:152 Resp: 62623
Ion Ratio Lower Upper
152 100
150 143.7 121.8 182.8
115 59.0 49.9 74.9



#5
2-Fluorophenol
Concen: 80.364 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.011 min
Lab File: BP019700.D
Acq: 14 Feb 2024 14:23

Tgt Ion:112 Resp: 312214
Ion Ratio Lower Upper
112 100
64 57.8 47.4 71.0
63 33.7 27.0 40.6

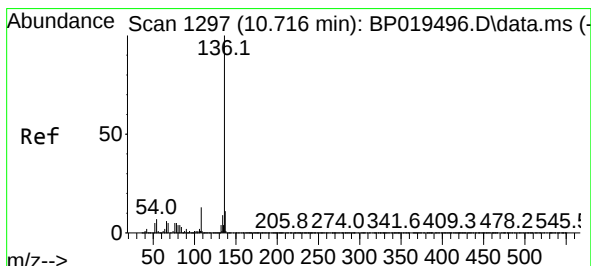
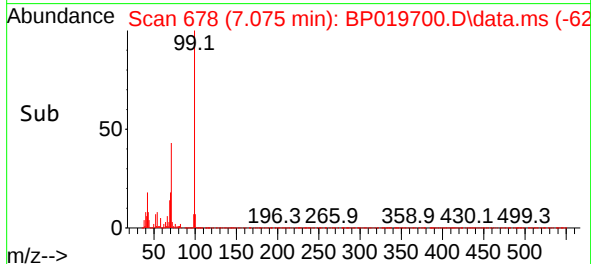
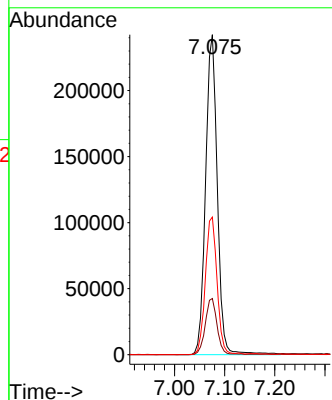
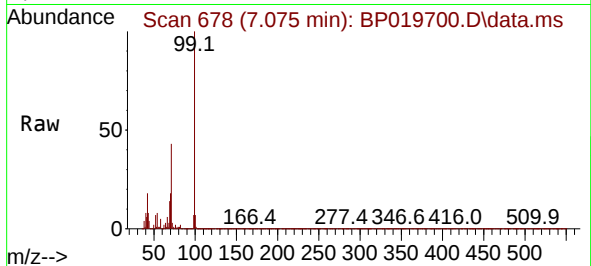




#7
Phenol-d6
Concen: 75.264 ng
RT: 7.075 min Scan# 61
Delta R.T. -0.011 min
Lab File: BP019700.D
Acq: 14 Feb 2024 14:23

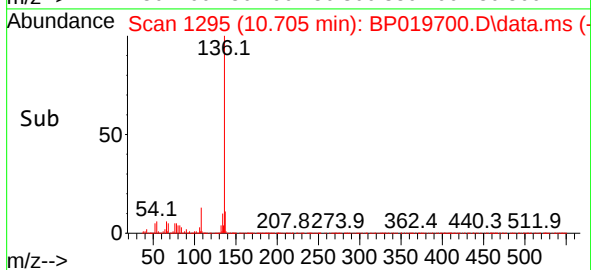
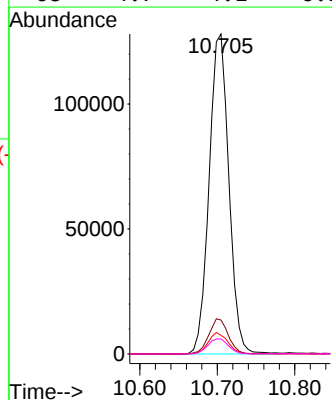
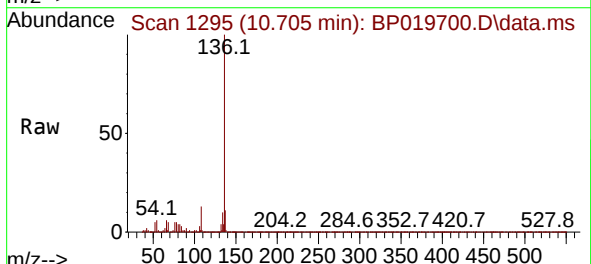
Instrument :
BNA_P
ClientSampleId :
SB-2(3-4)

Tgt Ion: 99 Resp: 394259
Ion Ratio Lower Upper
99 100
42 17.6 14.7 22.1
71 43.0 34.8 52.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.705 min Scan# 1295
Delta R.T. -0.011 min
Lab File: BP019700.D
Acq: 14 Feb 2024 14:23

Tgt Ion: 136 Resp: 226519
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 5.8 5.3 7.9
68 4.7 4.1 6.1





#23

Nitrobenzene-d5

Concen: 52.083 ng

RT: 9.069 min Scan# 1017

Delta R.T. -0.017 min

Lab File: BP019700.D

Acq: 14 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

SB-2(3-4)

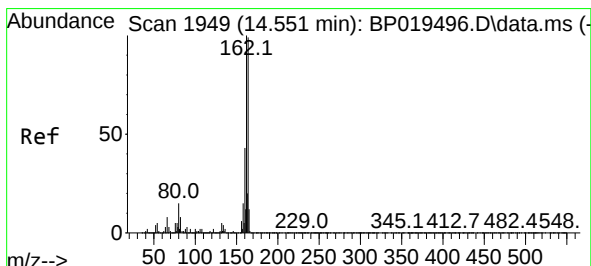
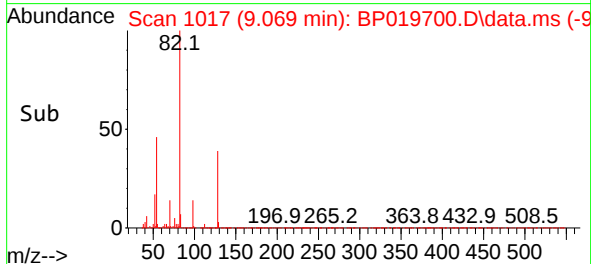
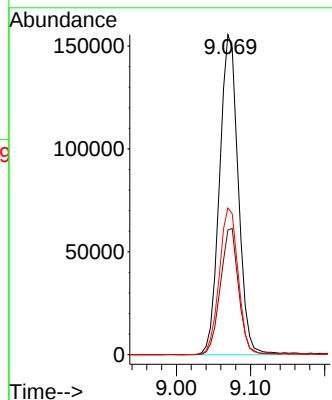
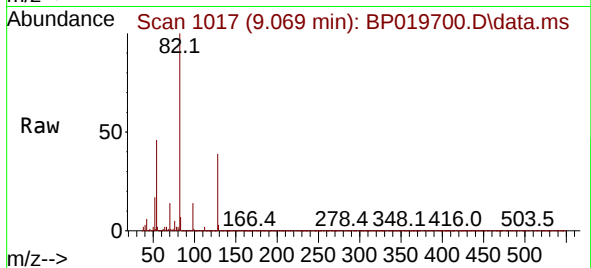
Tgt Ion: 82 Resp: 272271

Ion Ratio Lower Upper

82 100

128 39.0 29.7 44.5

54 45.8 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.534 min Scan# 1946

Delta R.T. -0.017 min

Lab File: BP019700.D

Acq: 14 Feb 2024 14:23

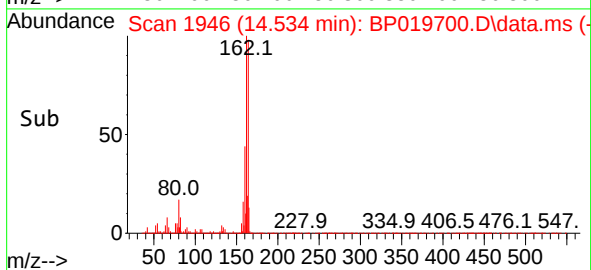
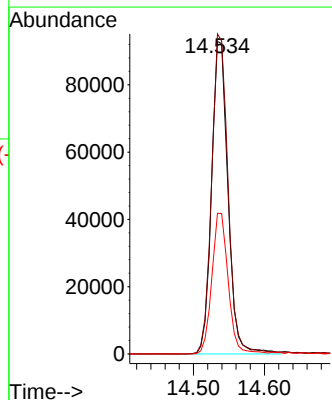
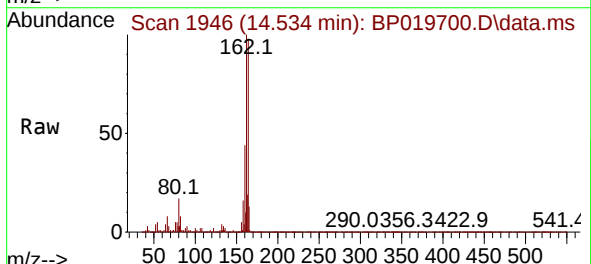
Tgt Ion: 164 Resp: 148693

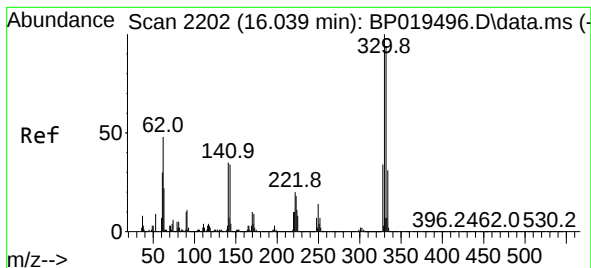
Ion Ratio Lower Upper

164 100

162 102.4 81.2 121.8

160 45.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 105.177 ng

RT: 16.034 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019700.D

Acq: 14 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

SB-2(3-4)

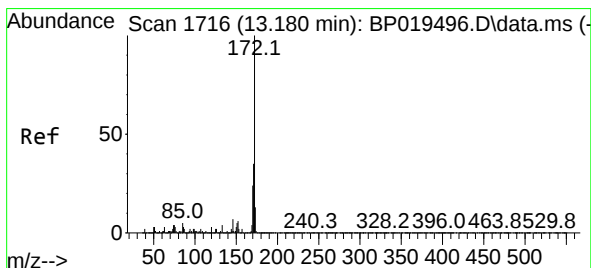
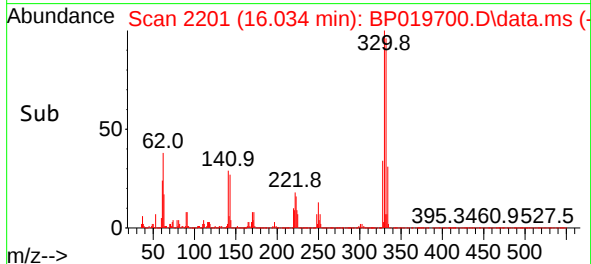
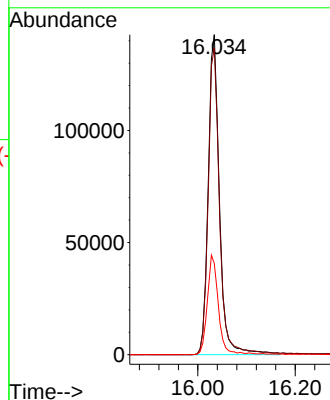
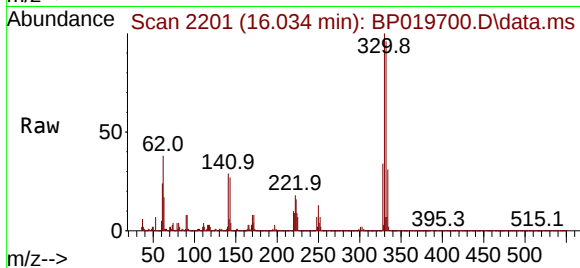
Tgt Ion:330 Resp: 228341

Ion Ratio Lower Upper

330 100

332 96.6 77.2 115.8

141 30.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 51.628 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019700.D

Acq: 14 Feb 2024 14:23

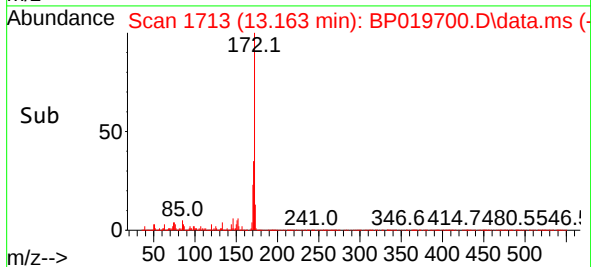
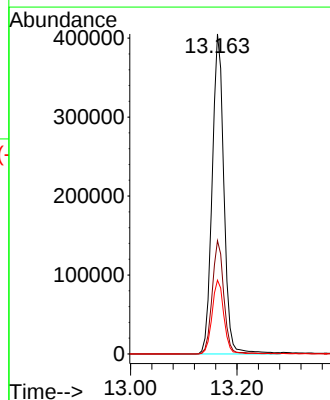
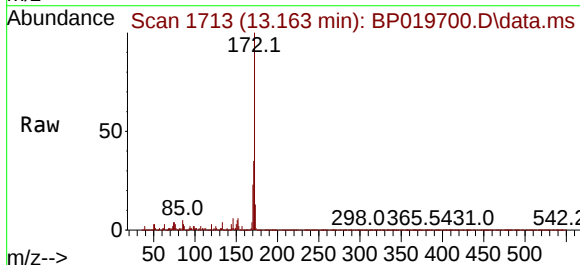
Tgt Ion:172 Resp: 620974

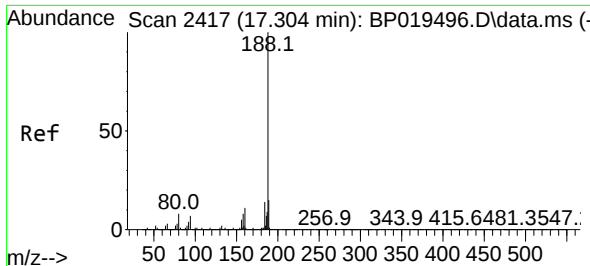
Ion Ratio Lower Upper

172 100

171 35.4 28.2 42.4

170 23.1 18.9 28.3

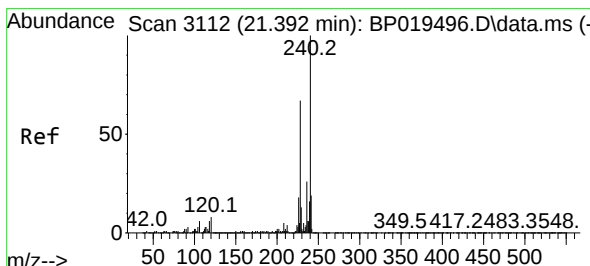
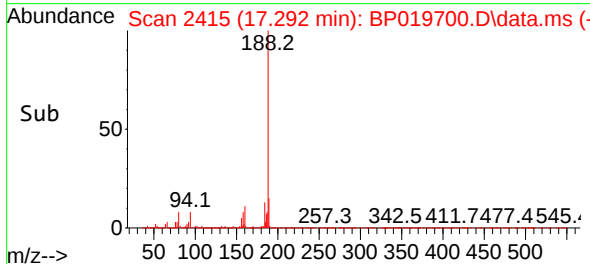
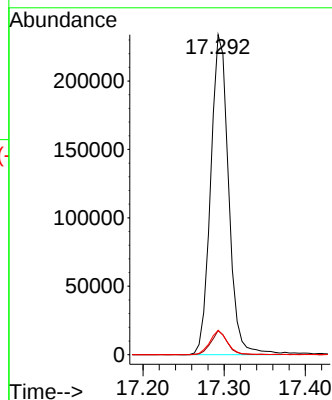
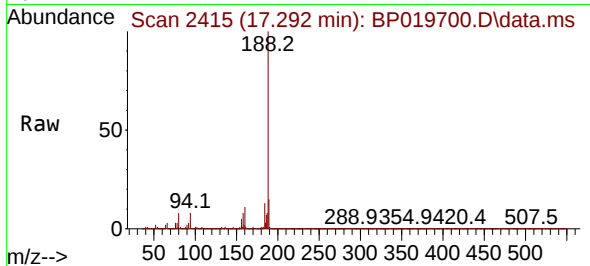




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.292 min Scan# 2415
Delta R.T. -0.012 min
Lab File: BP019700.D
Acq: 14 Feb 2024 14:23

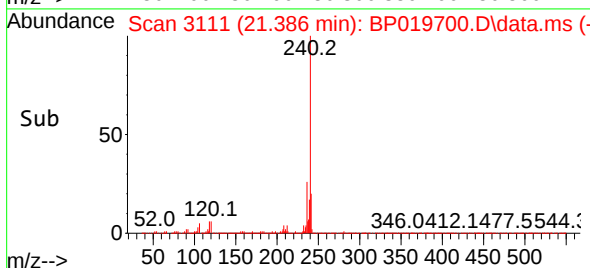
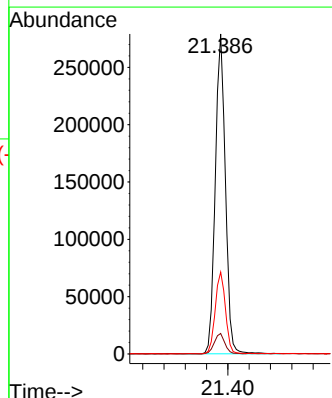
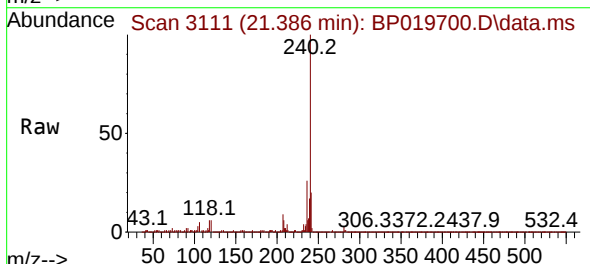
Instrument :
BNA_P
ClientSampleId :
SB-2(3-4)

Tgt Ion:188 Resp: 358719
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.2
80 7.6 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.005 min
Lab File: BP019700.D
Acq: 14 Feb 2024 14:23

Tgt Ion:240 Resp: 368250
Ion Ratio Lower Upper
240 100
120 6.4 6.1 9.1
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 54.929 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP019700.D

Acq: 14 Feb 2024 14:23

Instrument :

BNA_P

ClientSampleId :

SB-2(3-4)

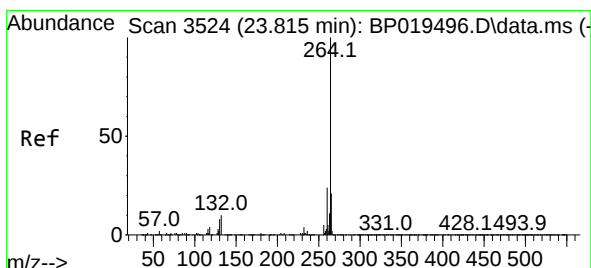
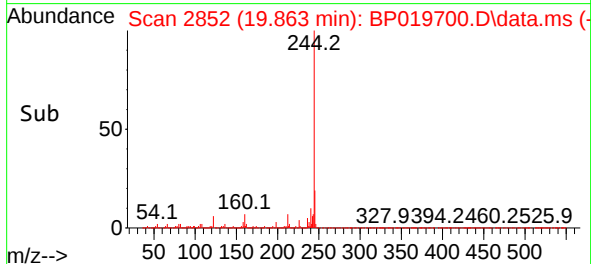
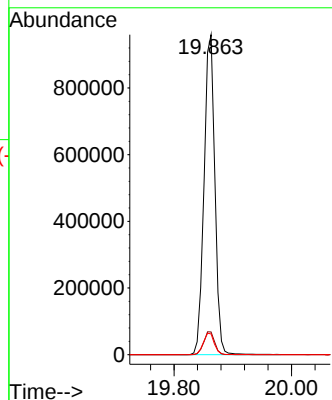
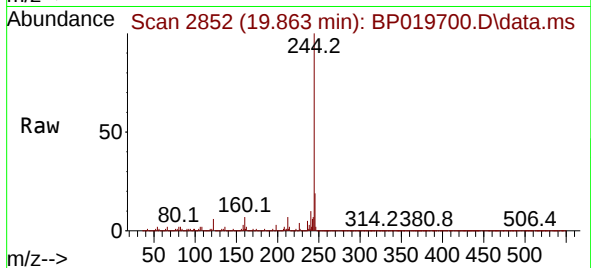
Tgt Ion:244 Resp: 1229977

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.5 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.804 min Scan# 3522

Delta R.T. -0.011 min

Lab File: BP019700.D

Acq: 14 Feb 2024 14:23

Tgt Ion:264 Resp: 416082

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.6 17.0 25.4

