

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022924\
 Data File : BP019931.D
 Acq On : 29 Feb 2024 11:41
 Operator : MA/JU
 Sample : PB159345BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159345BL

Quant Time: Feb 29 12:25:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 29 12:18:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	78532	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	311246	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	230157	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	589221	20.000	ng	0.00
76) Chrysene-d12	21.422	240	549018	20.000	ng	0.00
86) Perylene-d12	23.863	264	659378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	620858	129.763	ng	0.00
7) Phenol-d6	7.087	99	837407	117.556	ng	0.00
23) Nitrobenzene-d5	9.087	82	557806	72.352	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	566504	143.550	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	1441213	84.604	ng	0.00
79) Terphenyl-d14	19.892	244	2987174	85.757	ng	0.00

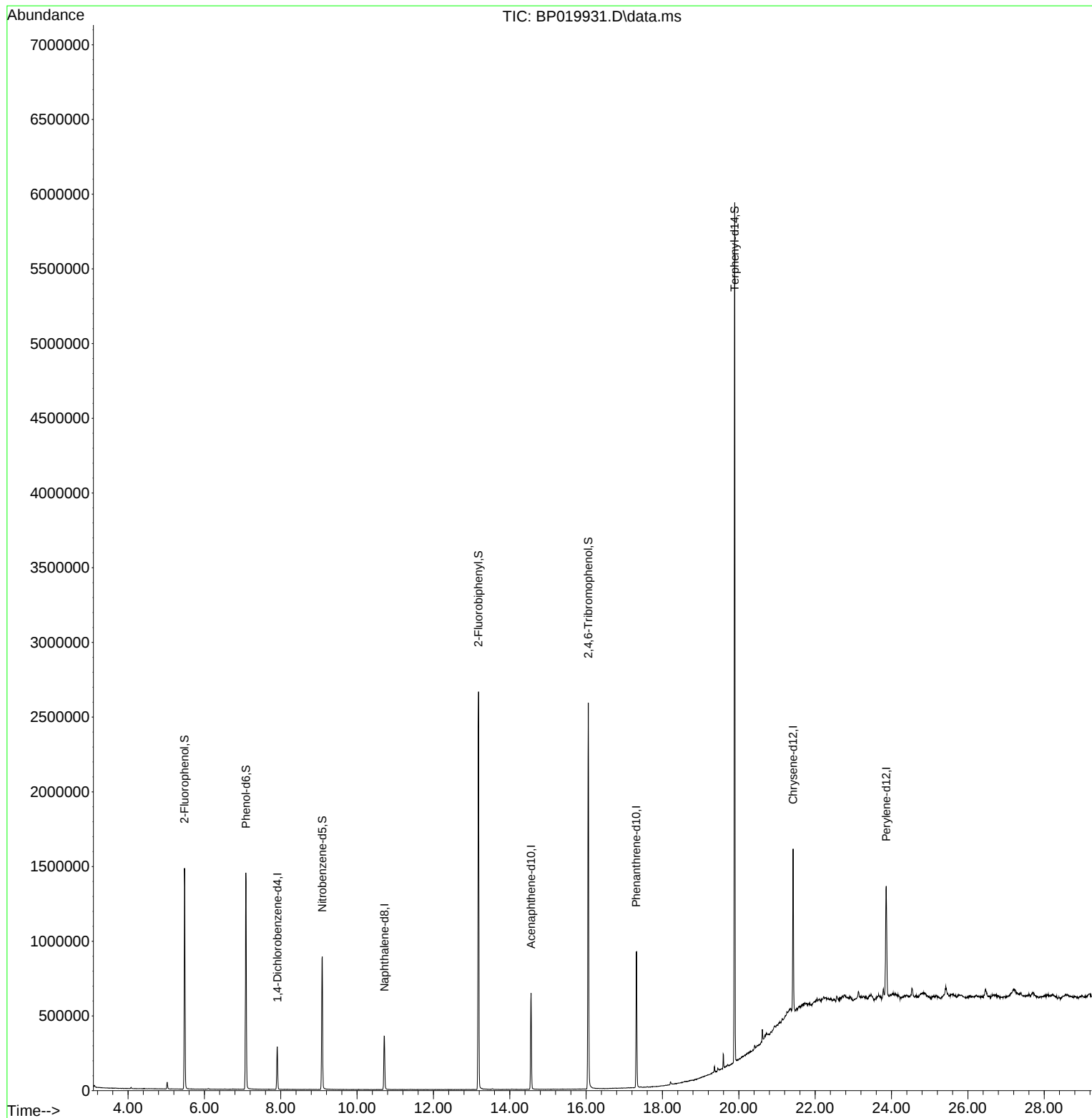
Target Compounds	Qvalue

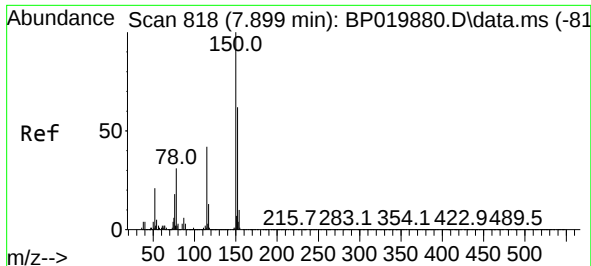
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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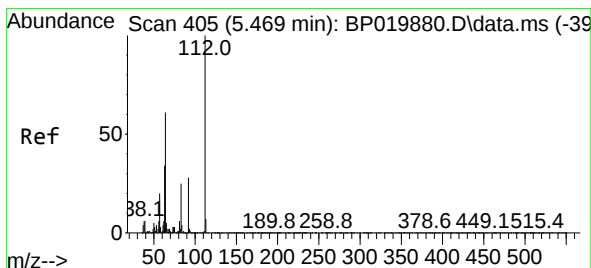
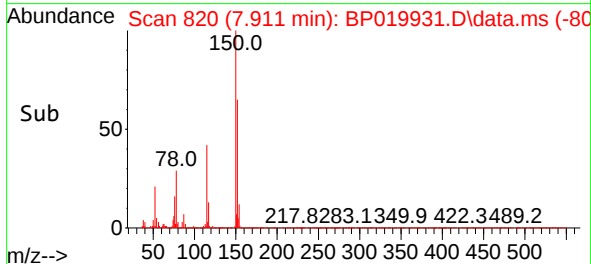
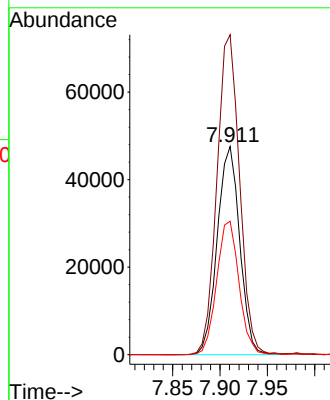
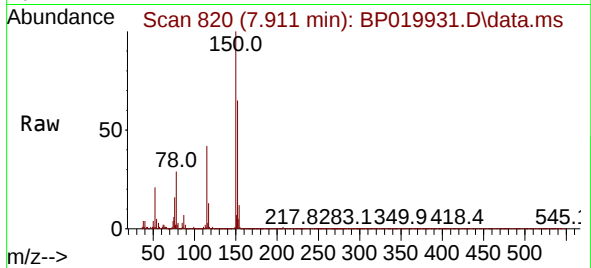




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.911 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP019931.D
Acq: 29 Feb 2024 11:41

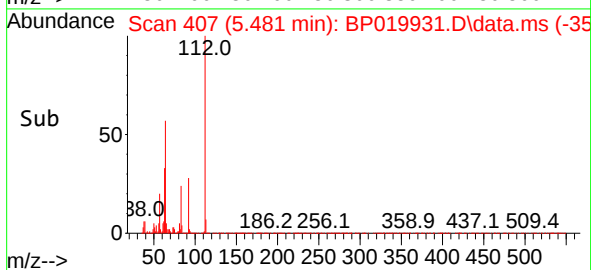
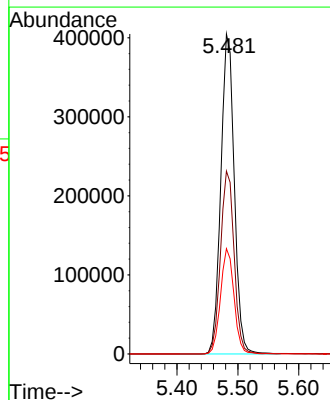
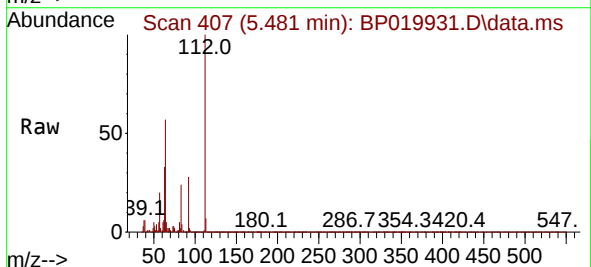
Instrument :
BNA_P
ClientSampleId :
PB159345BL

Tgt Ion:152 Resp: 78532
Ion Ratio Lower Upper
152 100
150 153.8 128.6 192.8
115 64.1 53.4 80.2



#5
2-Fluorophenol
Concen: 129.763 ng
RT: 5.481 min Scan# 407
Delta R.T. 0.000 min
Lab File: BP019931.D
Acq: 29 Feb 2024 11:41

Tgt Ion:112 Resp: 620858
Ion Ratio Lower Upper
112 100
64 57.2 49.0 73.6
63 32.9 27.6 41.4

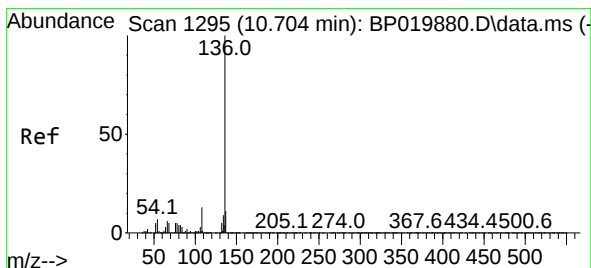
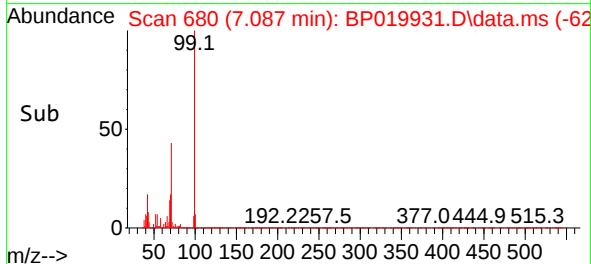
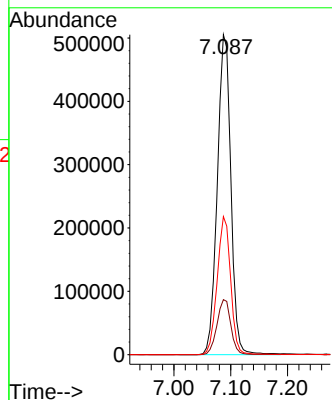
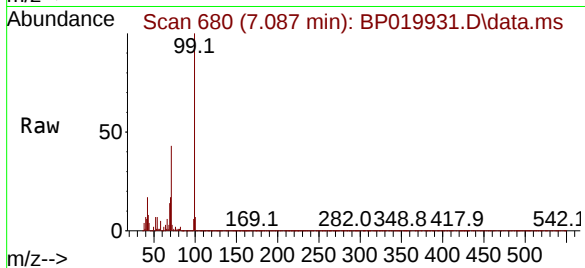




#7
Phenol-d6
Concen: 117.556 ng
RT: 7.087 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP019931.D
Acq: 29 Feb 2024 11:41

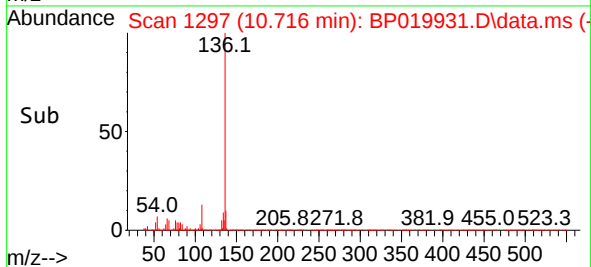
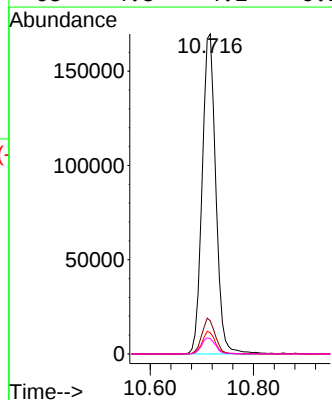
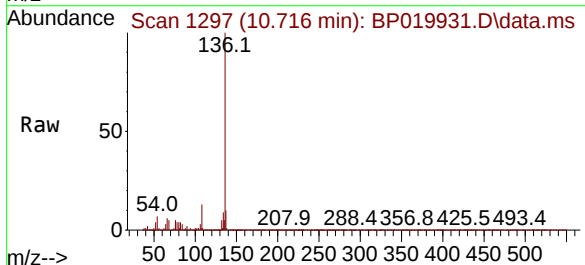
Instrument :
BNA_P
ClientSampleId :
PB159345BL

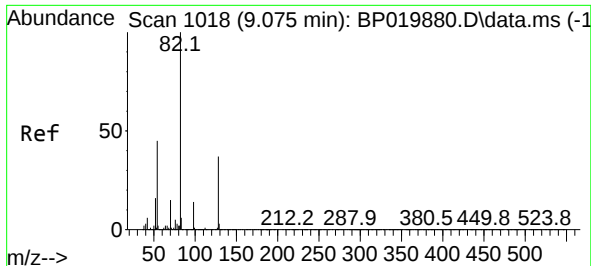
Tgt Ion: 99 Resp: 837407
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 43.2 34.5 51.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP019931.D
Acq: 29 Feb 2024 11:41

Tgt Ion:136 Resp: 311246
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 6.6 6.0 9.0
68 4.8 4.2 6.2





#23

Nitrobenzene-d5

Concen: 72.352 ng

RT: 9.087 min Scan# 1018

Delta R.T. 0.000 min

Lab File: BP019931.D

Acq: 29 Feb 2024 11:41

Instrument :

BNA_P

ClientSampleId :

PB159345BL

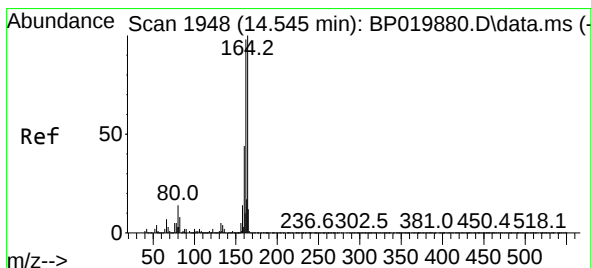
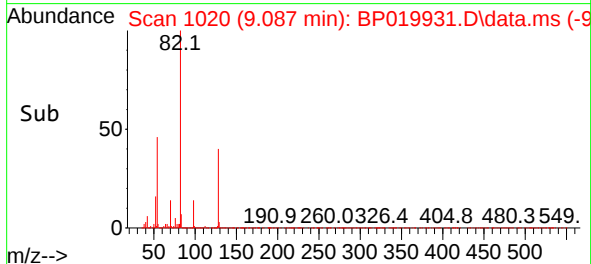
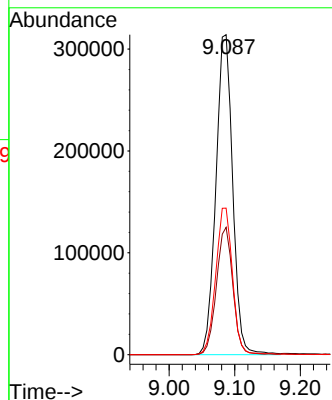
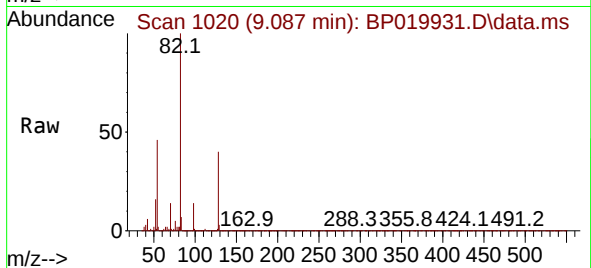
Tgt Ion: 82 Resp: 557806

Ion Ratio Lower Upper

82 100

128 39.8 29.6 44.4

54 45.8 36.3 54.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1950

Delta R.T. 0.000 min

Lab File: BP019931.D

Acq: 29 Feb 2024 11:41

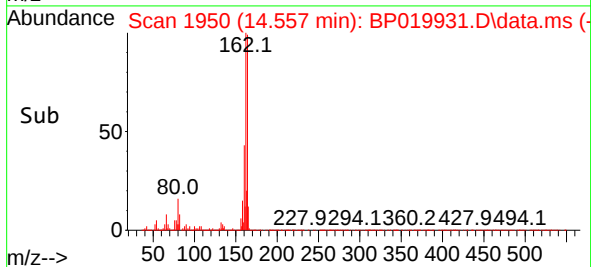
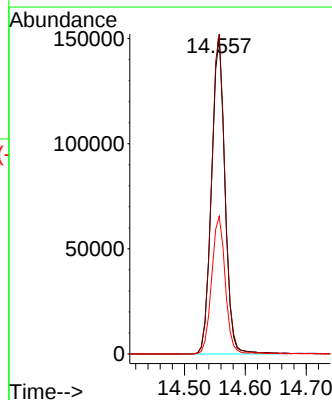
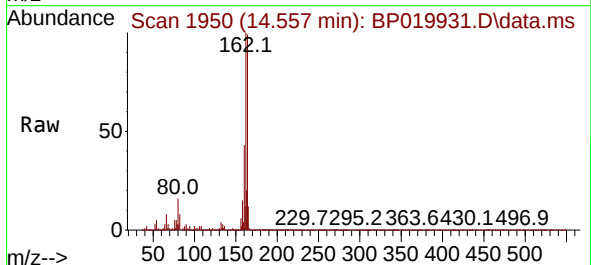
Tgt Ion:164 Resp: 230157

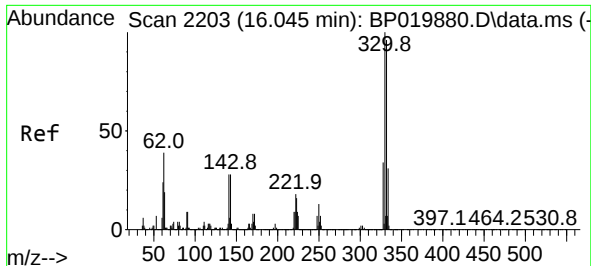
Ion Ratio Lower Upper

164 100

162 100.9 78.1 117.1

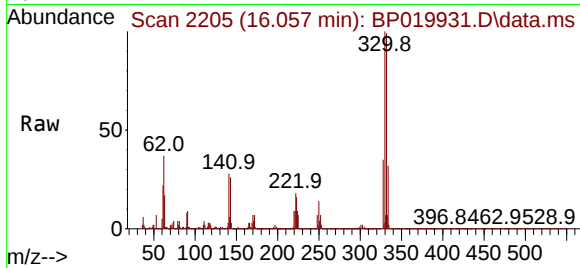
160 43.4 35.3 52.9



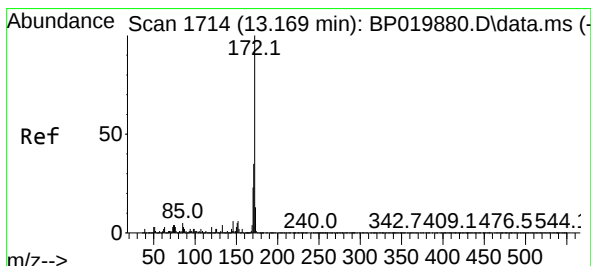
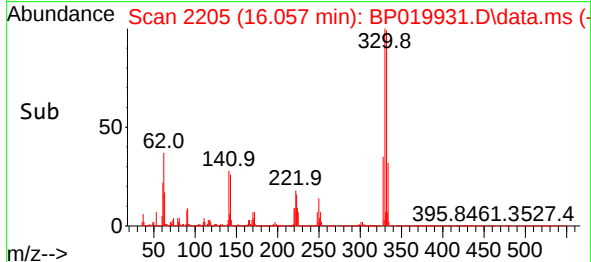
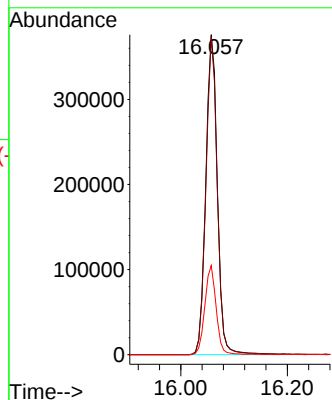


#42
2,4,6-Tribromophenol
Concen: 143.550 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP019931.D
Acq: 29 Feb 2024 11:41

Instrument :
BNA_P
ClientSampleId :
PB159345BL

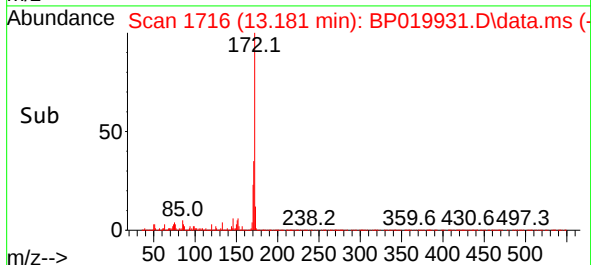
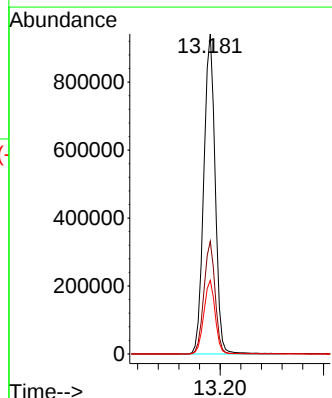
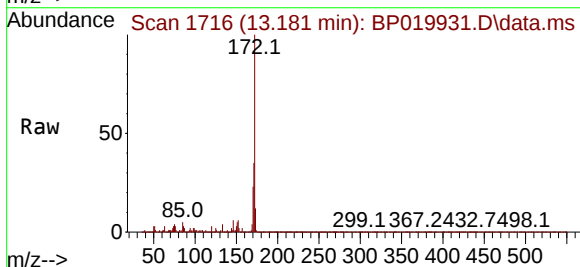


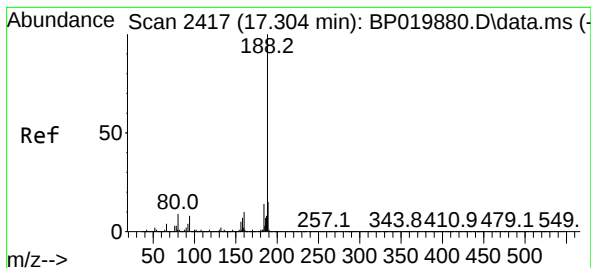
Tgt Ion:330 Resp: 566504
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 27.2 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 84.604 ng
RT: 13.181 min Scan# 1716
Delta R.T. 0.000 min
Lab File: BP019931.D
Acq: 29 Feb 2024 11:41

Tgt Ion:172 Resp: 1441213
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.6
170 23.0 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BP019931.D

Acq: 29 Feb 2024 11:41

Instrument :

BNA_P

ClientSampleId :

PB159345BL

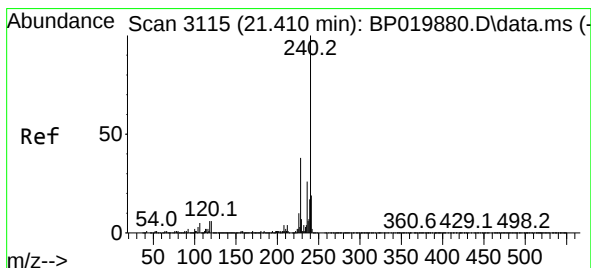
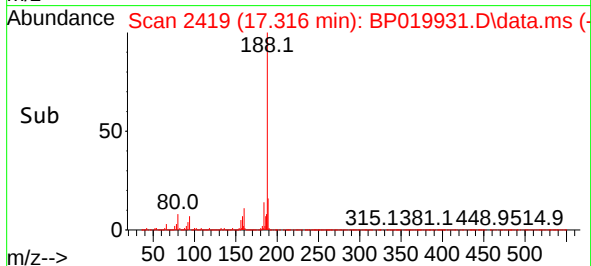
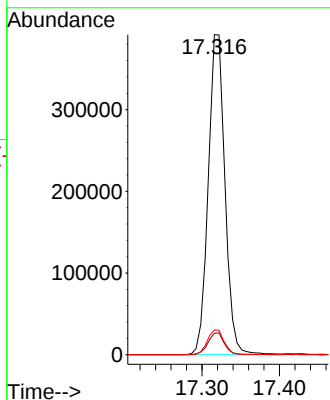
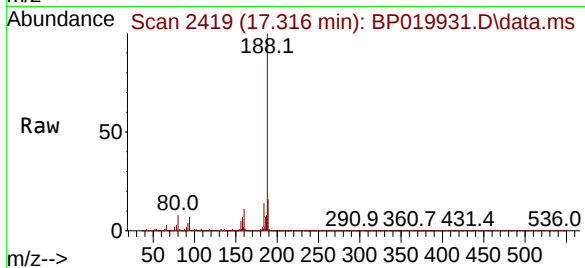
Tgt Ion:188 Resp: 589221

Ion Ratio Lower Upper

188 100

94 6.7 6.2 9.4

80 7.7 7.0 10.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.422 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP019931.D

Acq: 29 Feb 2024 11:41

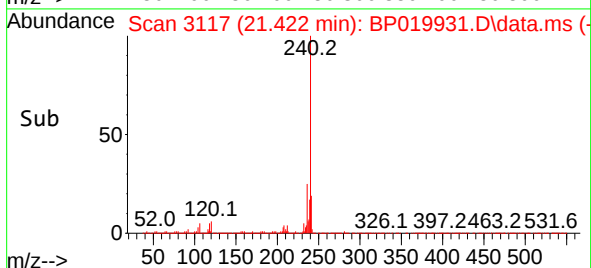
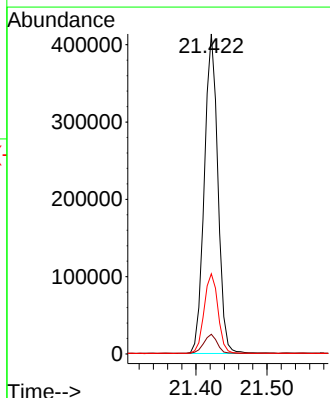
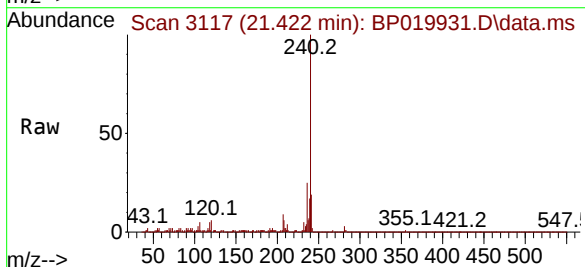
Tgt Ion:240 Resp: 549018

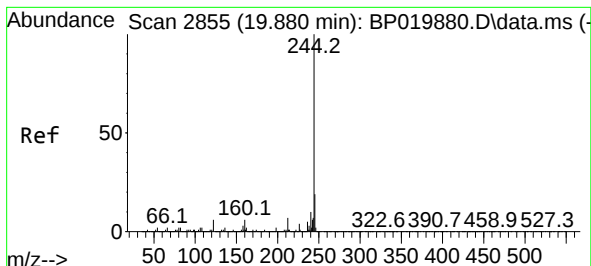
Ion Ratio Lower Upper

240 100

120 6.1 5.1 7.7

236 25.1 20.5 30.7





#79

Terphenyl-d14

Concen: 85.757 ng

RT: 19.892 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019931.D

Acq: 29 Feb 2024 11:41

Instrument :

BNA_P

ClientSampleId :

PB159345BL

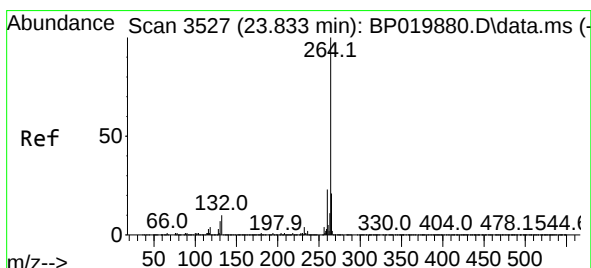
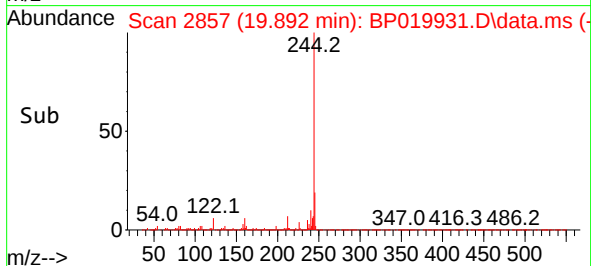
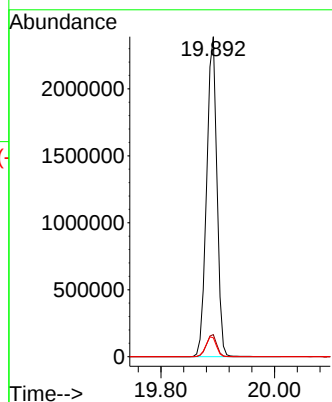
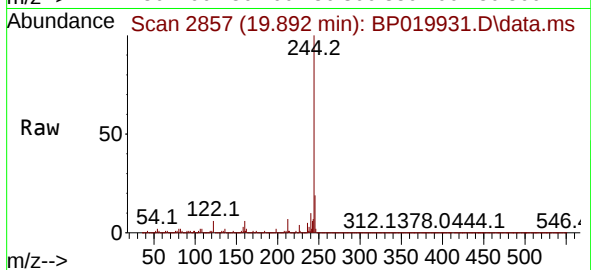
Tgt Ion:244 Resp: 2987174

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 5.9 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.863 min Scan# 3532

Delta R.T. -0.006 min

Lab File: BP019931.D

Acq: 29 Feb 2024 11:41

Tgt Ion:264 Resp: 659378

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 22.2 17.4 26.2

