

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019744.D
 Acq On : 16 Feb 2024 14:43
 Operator : MA/JU
 Sample : P1440-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-1

Quant Time: Feb 16 15:14:12 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	7.899	152	63344	20.000	ng	-0.02
21) Naphthalene-d8	10.704	136	225141	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	147951	20.000	ng	-0.01
64) Phenanthrene-d10	17.292	188	363120	20.000	ng	-0.01
76) Chrysene-d12	21.386	240	412088	20.000	ng	0.00
86) Perylene-d12	23.810	264	475332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	264303	67.257	ng	-0.01
7) Phenol-d6	7.069	99	222770	42.042	ng	-0.02
23) Nitrobenzene-d5	9.069	82	434681	83.660	ng	-0.02
42) 2,4,6-Tribromophenol	16.033	330	342757	158.670	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	999716	83.533	ng	-0.02
79) Terphenyl-d14	19.863	244	1939398	77.397	ng	0.00

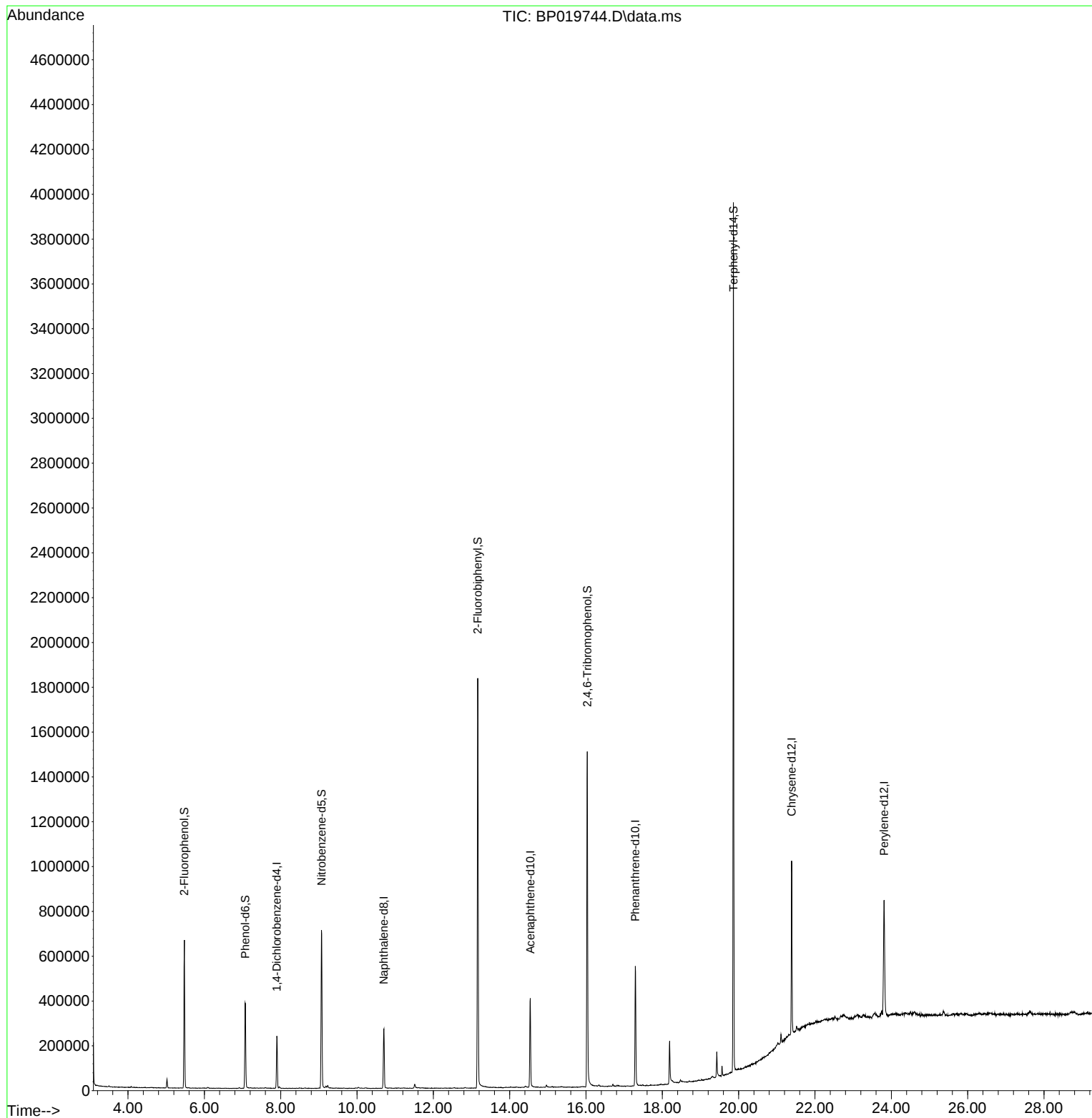
Target Compounds	Qvalue

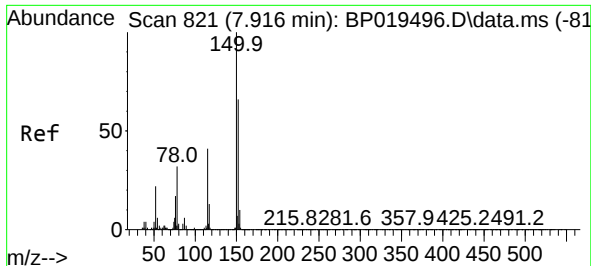
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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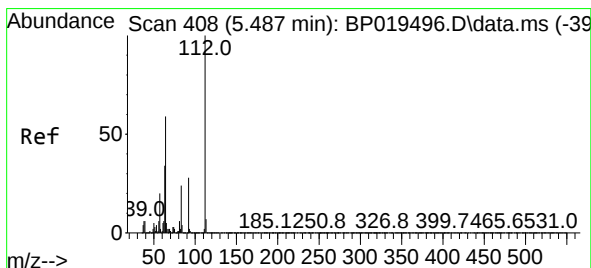
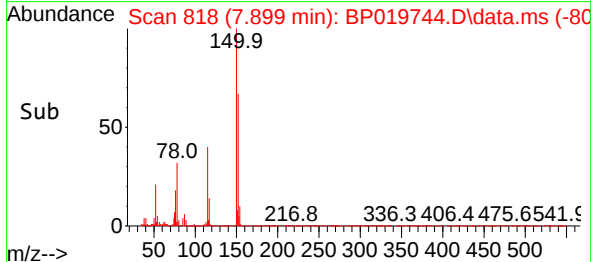
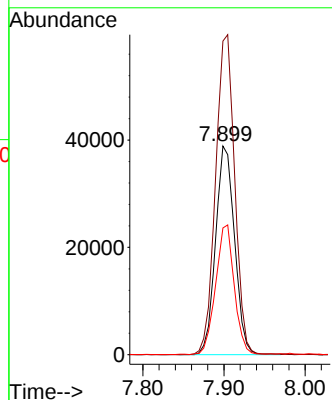
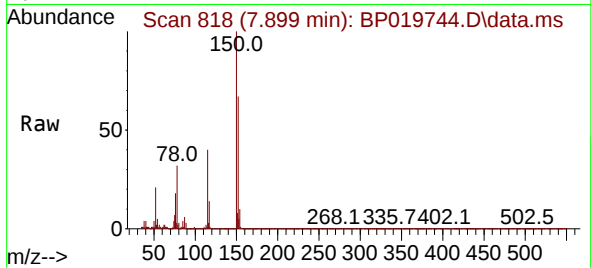




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.899 min Scan# 81
Delta R.T. -0.017 min
Lab File: BP019744.D
Acq: 16 Feb 2024 14:43

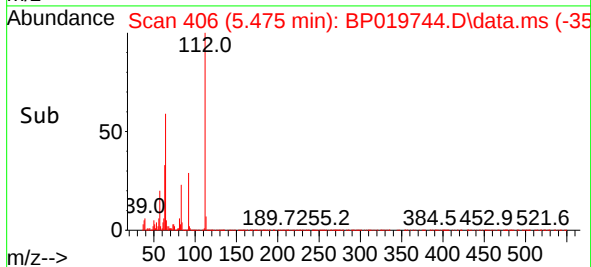
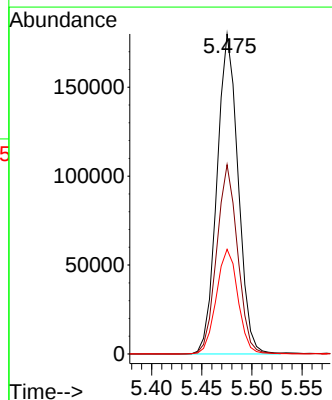
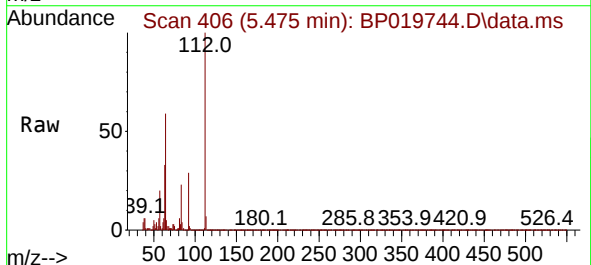
Instrument :
BNA_P
ClientSampleId :
TW-1

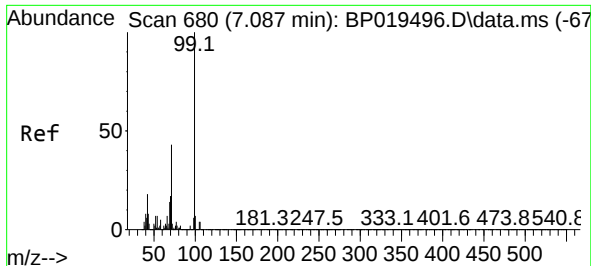
Tgt Ion:152 Resp: 63344
Ion Ratio Lower Upper
152 100
150 150.2 121.8 182.8
115 60.7 49.9 74.9



#5
2-Fluorophenol
Concen: 67.257 ng
RT: 5.475 min Scan# 406
Delta R.T. -0.012 min
Lab File: BP019744.D
Acq: 16 Feb 2024 14:43

Tgt Ion:112 Resp: 264303
Ion Ratio Lower Upper
112 100
64 59.2 47.4 71.0
63 32.7 27.0 40.6

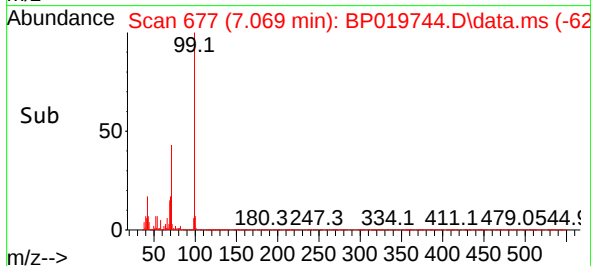
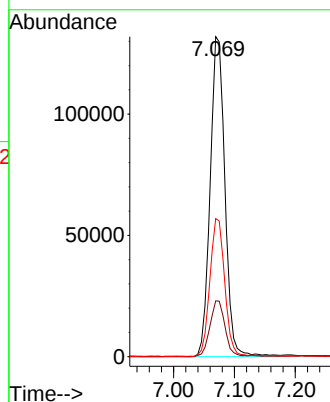
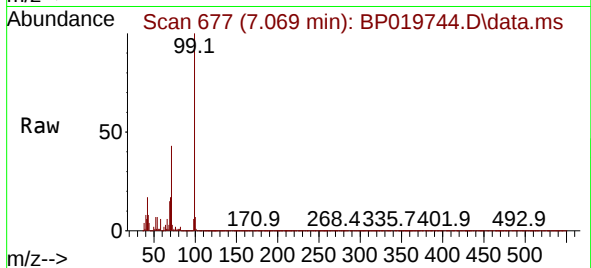




#7
Phenol-d6
Concen: 42.042 ng
RT: 7.069 min Scan# 61
Delta R.T. -0.017 min
Lab File: BP019744.D
Acq: 16 Feb 2024 14:43

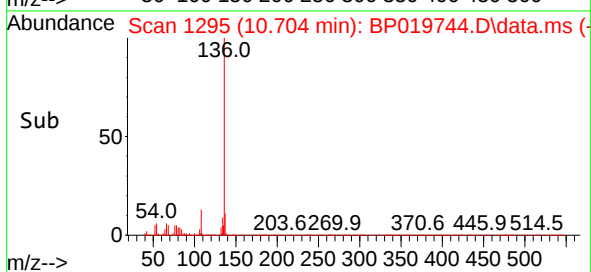
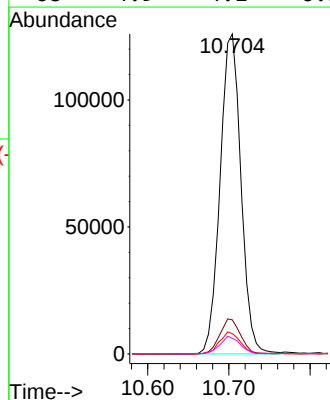
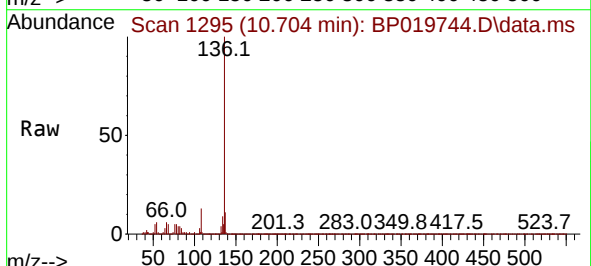
Instrument :
BNA_P
ClientSampleId :
TW-1

Tgt Ion: 99 Resp: 222770
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. -0.012 min
Lab File: BP019744.D
Acq: 16 Feb 2024 14:43

Tgt Ion: 136 Resp: 225141
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 6.4 5.3 7.9
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 83.660 ng

RT: 9.069 min Scan# 1017

Delta R.T. -0.017 min

Lab File: BP019744.D

Acq: 16 Feb 2024 14:43

Instrument :

BNA_P

ClientSampleId :

TW-1

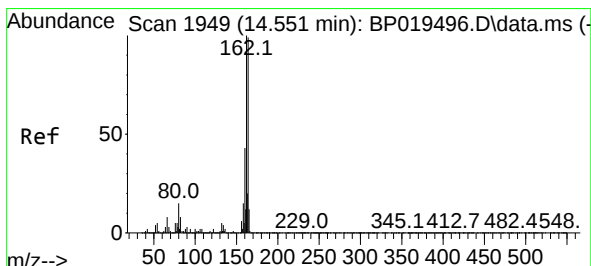
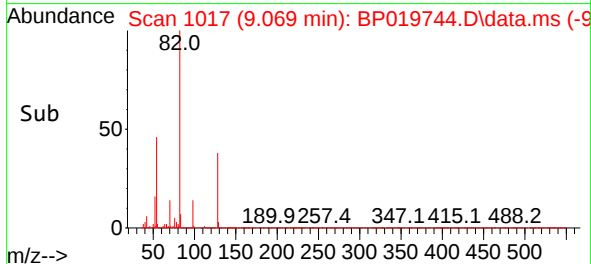
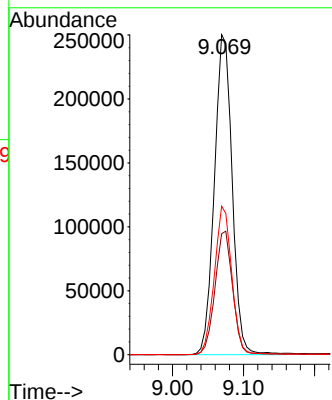
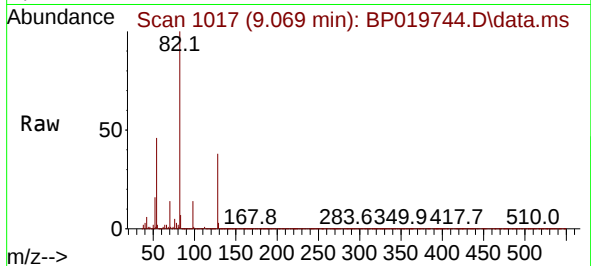
Tgt Ion: 82 Resp: 434681

Ion Ratio Lower Upper

82 100

128 37.8 29.7 44.5

54 46.4 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.012 min

Lab File: BP019744.D

Acq: 16 Feb 2024 14:43

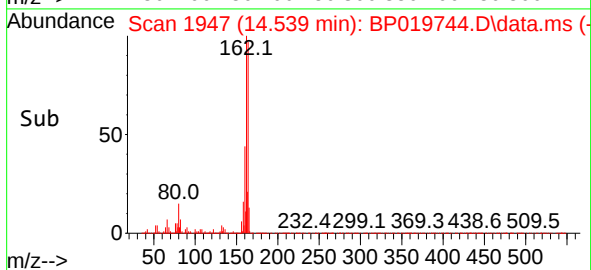
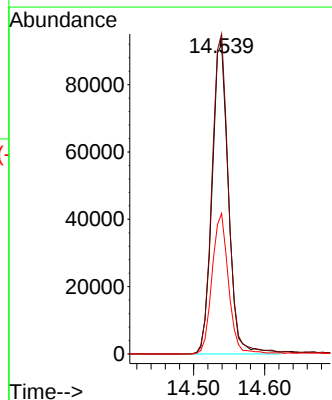
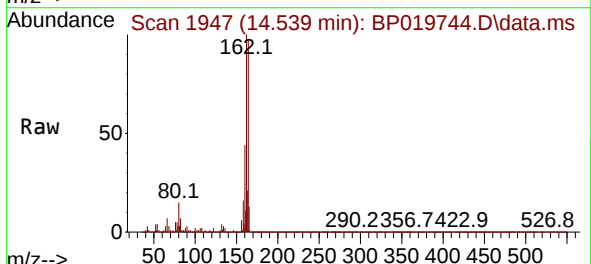
Tgt Ion:164 Resp: 147951

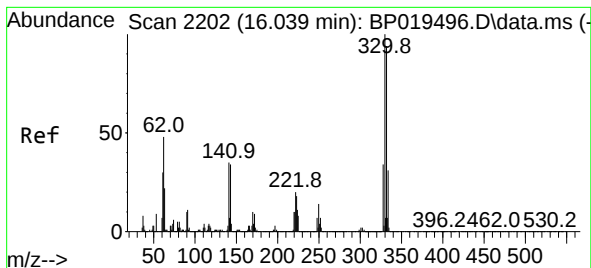
Ion Ratio Lower Upper

164 100

162 103.3 81.2 121.8

160 45.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 158.670 ng

RT: 16.033 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019744.D

Acq: 16 Feb 2024 14:43

Instrument :

BNA_P

ClientSampleId :

TW-1

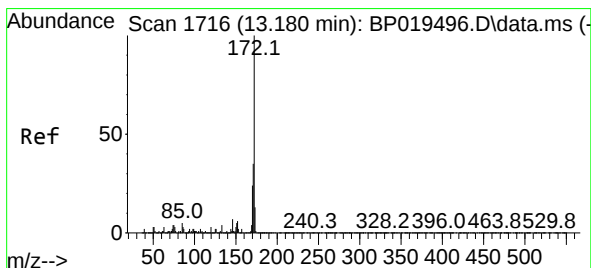
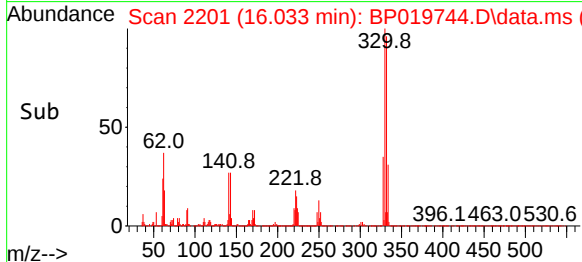
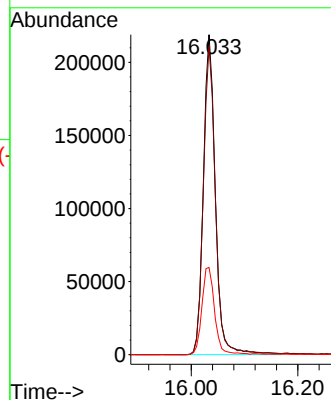
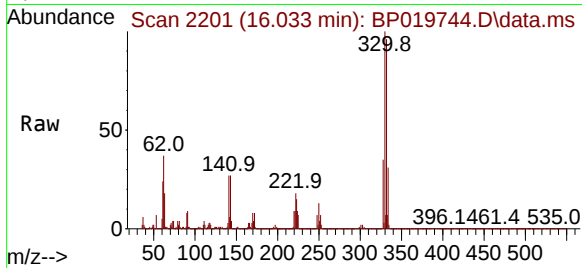
Tgt Ion:330 Resp: 342757

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

141 28.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 83.533 ng

RT: 13.163 min Scan# 1713

Delta R.T. -0.017 min

Lab File: BP019744.D

Acq: 16 Feb 2024 14:43

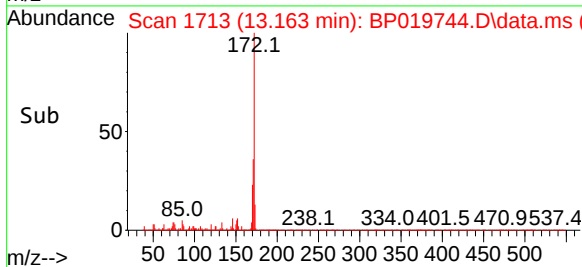
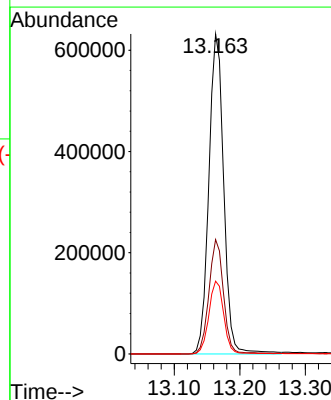
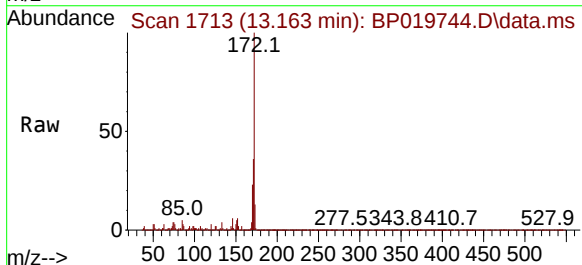
Tgt Ion:172 Resp: 999716

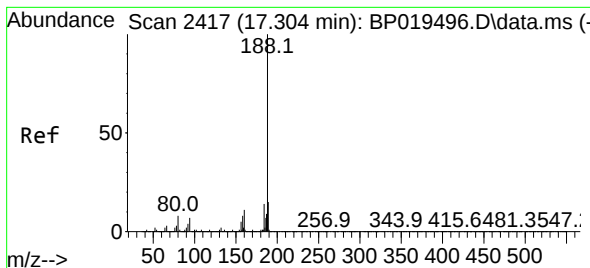
Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.4

170 22.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.292 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP019744.D

Acq: 16 Feb 2024 14:43

Instrument :

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ClientSampleId :

TW-1

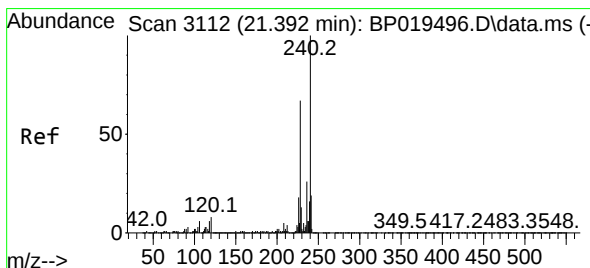
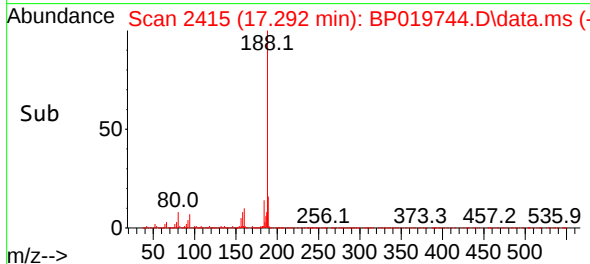
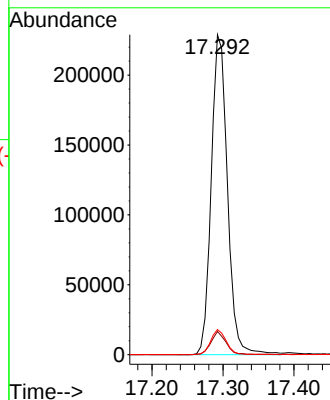
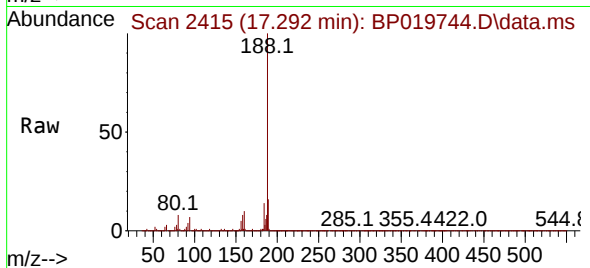
Tgt Ion:188 Resp: 363120

Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 7.9 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BP019744.D

Acq: 16 Feb 2024 14:43

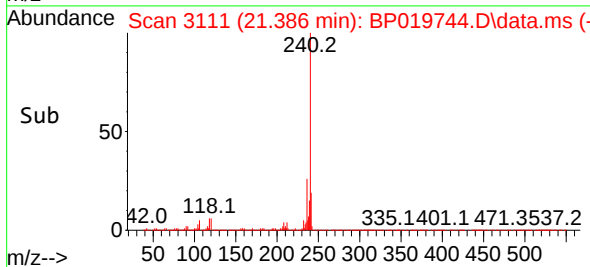
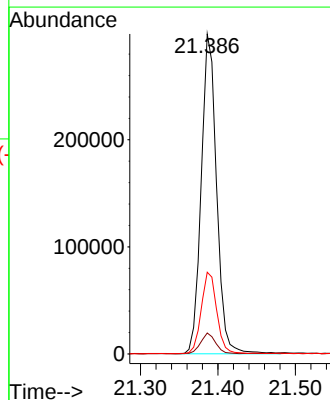
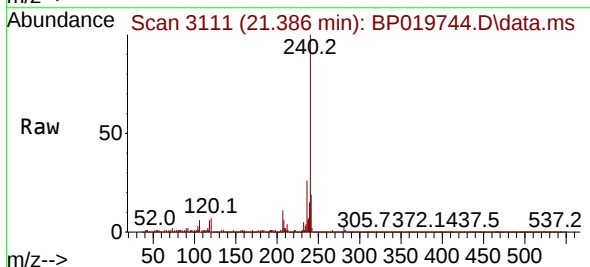
Tgt Ion:240 Resp: 412088

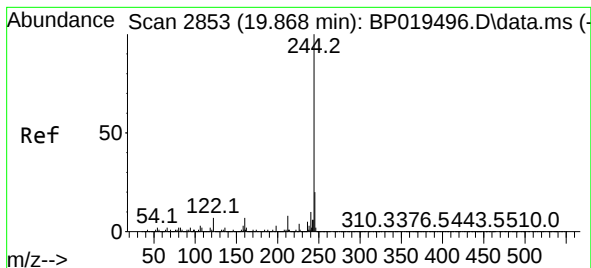
Ion Ratio Lower Upper

240 100

120 6.6 6.1 9.1

236 25.5 20.7 31.1





#79

Terphenyl-d14

Concen: 77.397 ng

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP019744.D

Acq: 16 Feb 2024 14:43

Instrument :

BNA_P

ClientSampleId :

TW-1

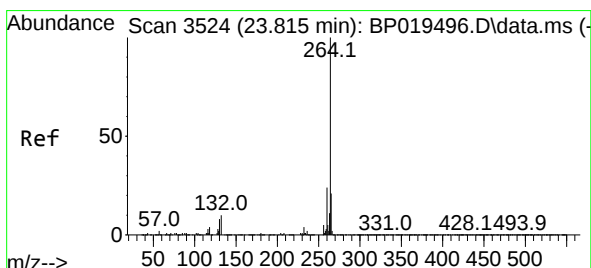
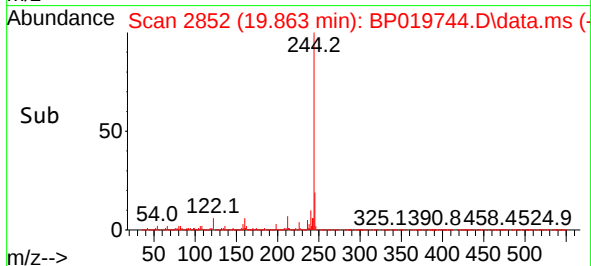
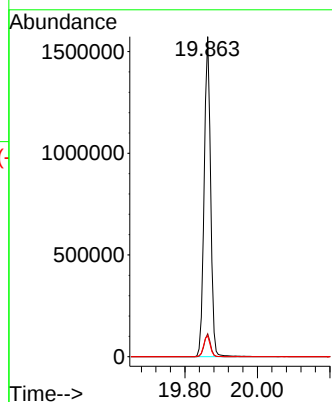
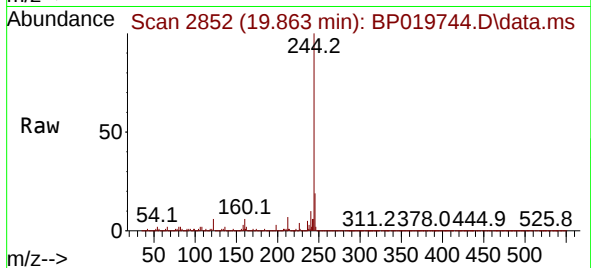
Tgt Ion:244 Resp: 1939398

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: 23.810 min Scan# 3523

Delta R.T. -0.006 min

Lab File: BP019744.D

Acq: 16 Feb 2024 14:43

Tgt Ion:264 Resp: 475332

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.4 17.0 25.4

