

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021624\
 Data File : BP019738.D
 Acq On : 16 Feb 2024 11:06
 Operator : MA/JU
 Sample : PB159037BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159037BL

Quant Time: Feb 16 18:21:12 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	7.905	152	75590	20.000	ng	-0.01
21) Naphthalene-d8	10.704	136	269332	20.000	ng	-0.01
39) Acenaphthene-d10	14.539	164	179630	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	441869	20.000	ng	0.00
76) Chrysene-d12	21.392	240	448311	20.000	ng	0.00
86) Perylene-d12	23.821	264	522227	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	565030	120.490	ng	0.00
7) Phenol-d6	7.081	99	692628	109.540	ng	0.00
23) Nitrobenzene-d5	9.075	82	484202	77.901	ng	-0.01
42) 2,4,6-Tribromophenol	16.039	330	420677	160.397	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1132980	77.973	ng	-0.01
79) Terphenyl-d14	19.869	244	2403389	88.164	ng	0.00

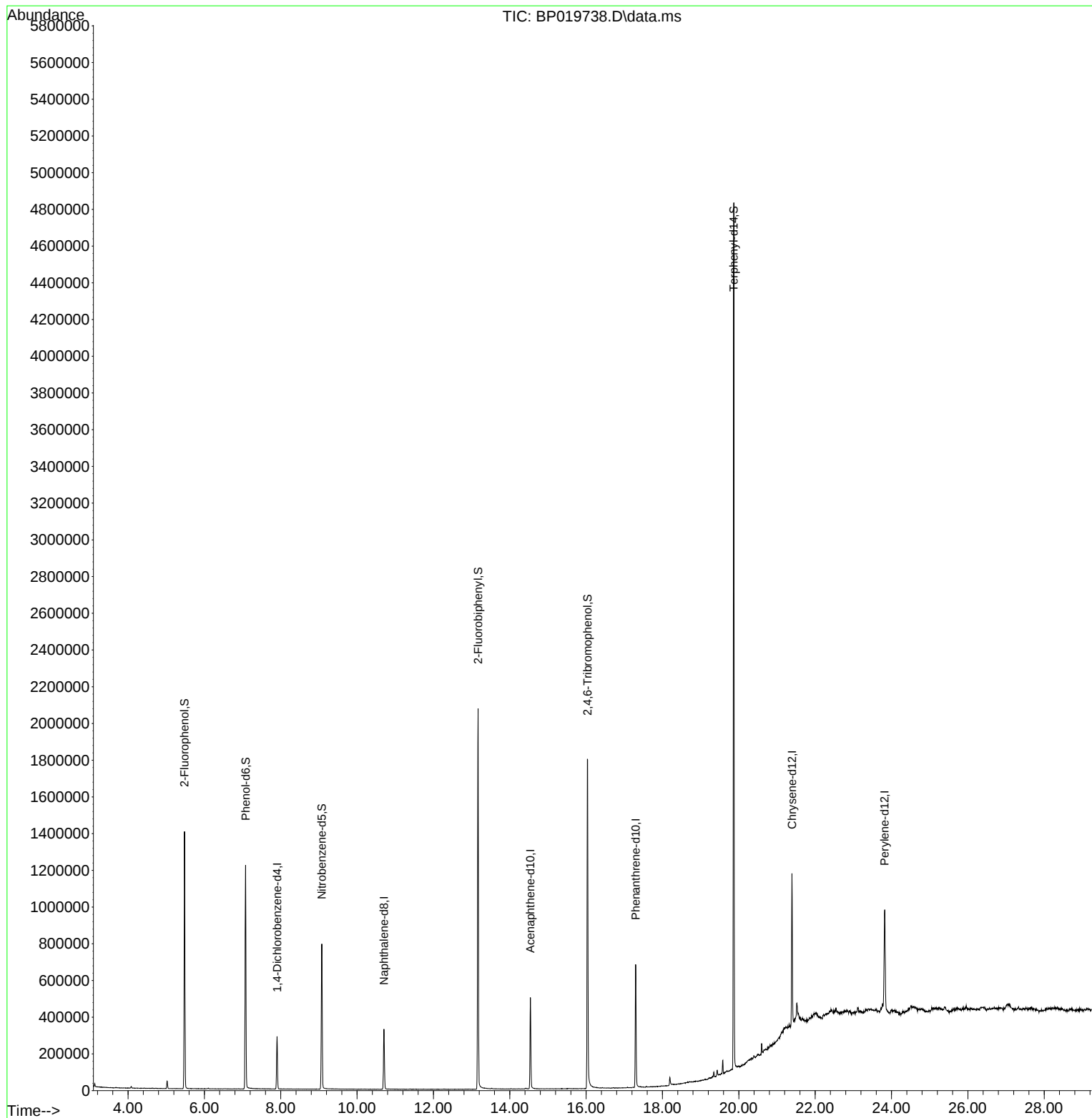
Target Compounds	Qvalue

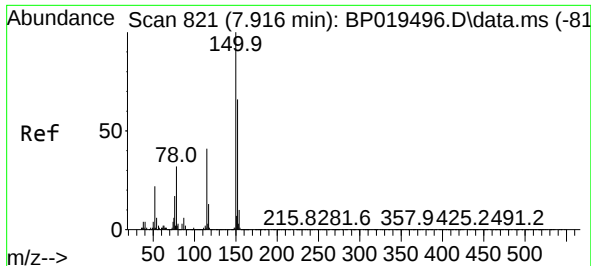
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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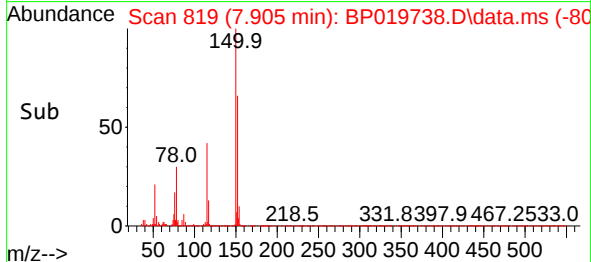
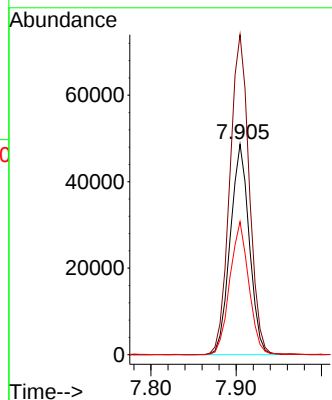
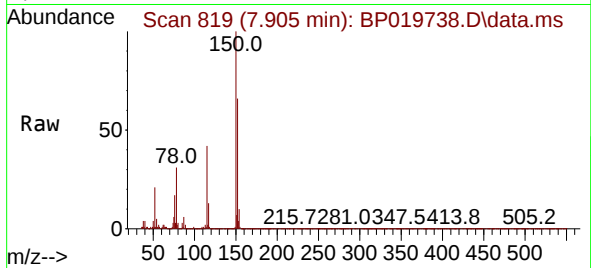




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP019738.D
Acq: 16 Feb 2024 11:06

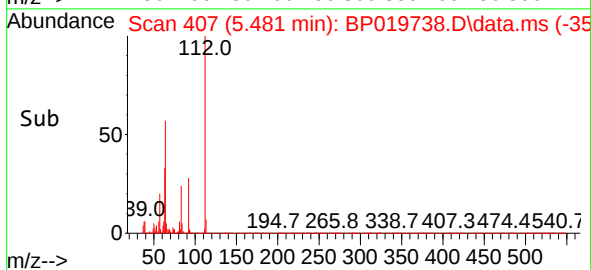
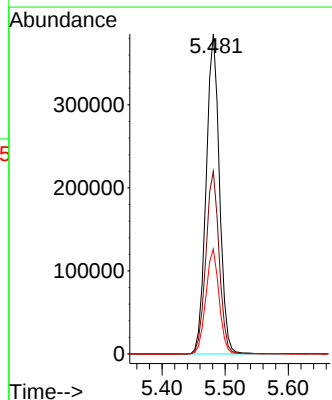
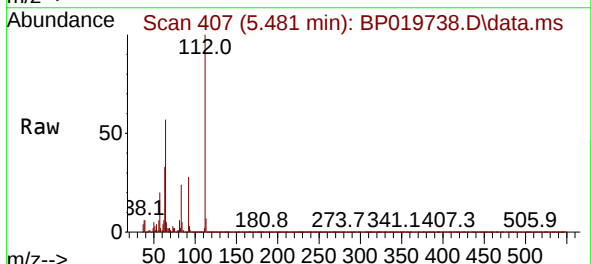
Instrument :
BNA_P
ClientSampleId :
PB159037BL

Tgt Ion:152 Resp: 75590
Ion Ratio Lower Upper
152 100
150 152.1 121.8 182.8
115 63.2 49.9 74.9



#5
2-Fluorophenol
Concen: 120.490 ng
RT: 5.481 min Scan# 407
Delta R.T. -0.006 min
Lab File: BP019738.D
Acq: 16 Feb 2024 11:06

Tgt Ion:112 Resp: 565030
Ion Ratio Lower Upper
112 100
64 57.0 47.4 71.0
63 32.7 27.0 40.6

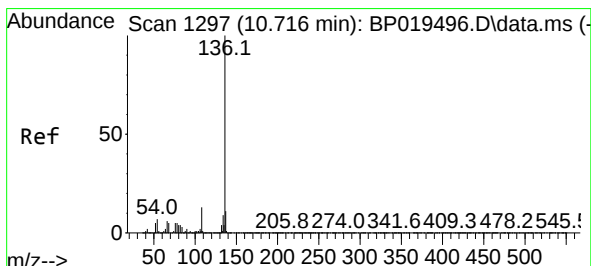
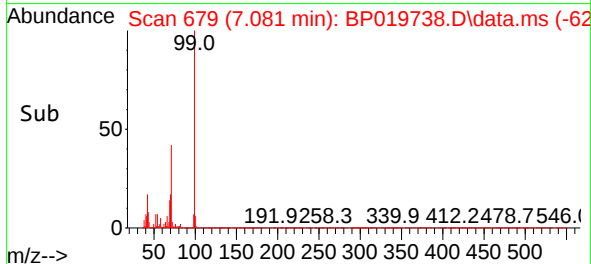
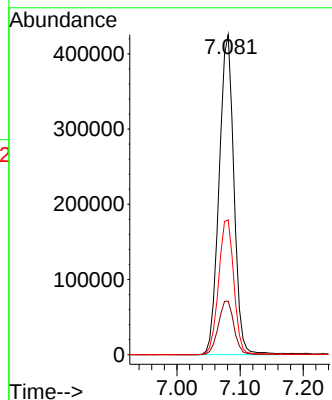
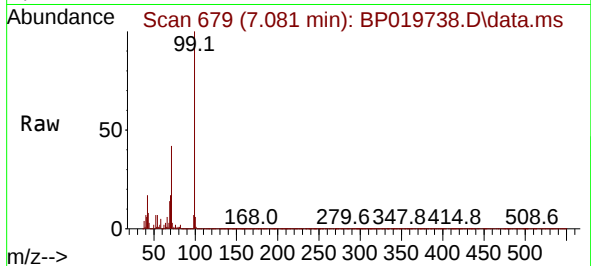




#7
Phenol-d6
Concen: 109.540 ng
RT: 7.081 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP019738.D
Acq: 16 Feb 2024 11:06

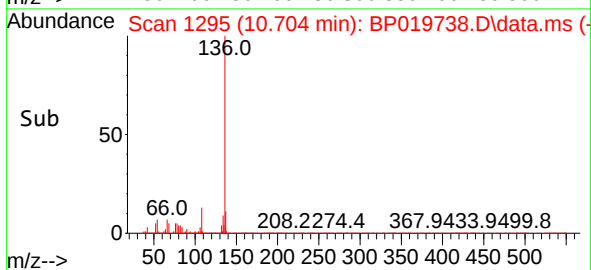
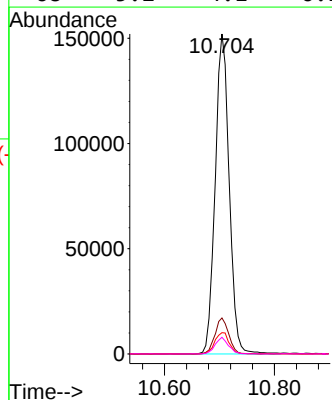
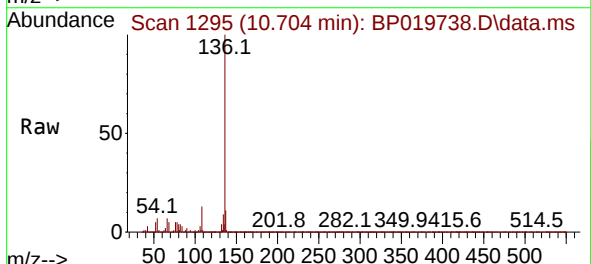
Instrument :
BNA_P
ClientSampleId :
PB159037BL

Tgt Ion: 99 Resp: 692628
Ion Ratio Lower Upper
99 100
42 16.8 14.7 22.1
71 42.2 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: BP019738.D
Acq: 16 Feb 2024 11:06

Tgt Ion: 136 Resp: 269332
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 6.7 5.3 7.9
68 5.2 4.1 6.1

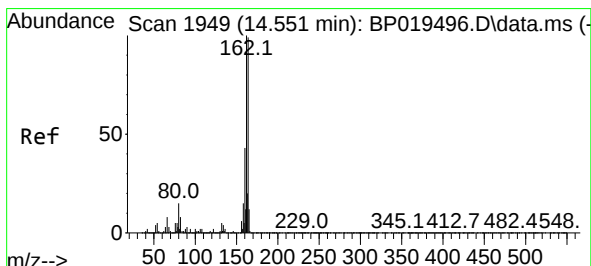
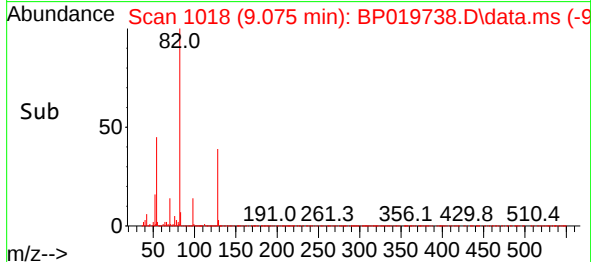
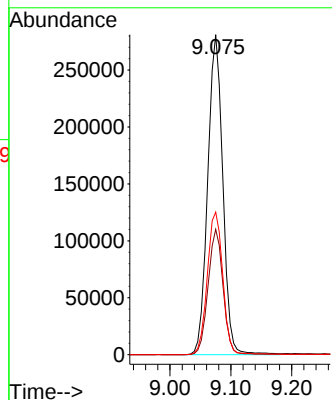
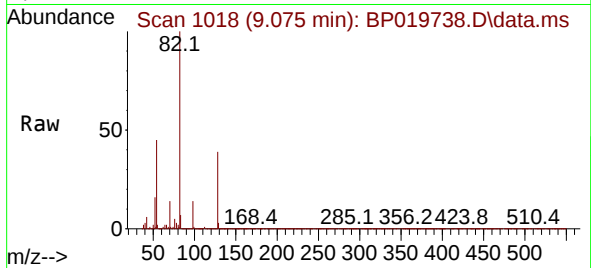




#23
Nitrobenzene-d5
Concen: 77.901 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.012 min
Lab File: BP019738.D
Acq: 16 Feb 2024 11:06

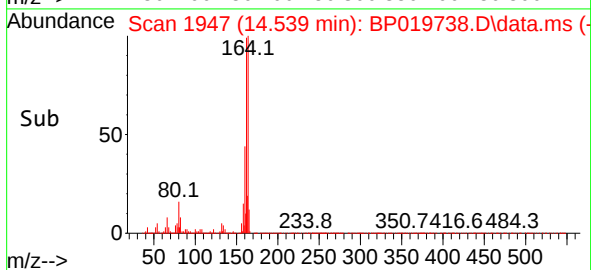
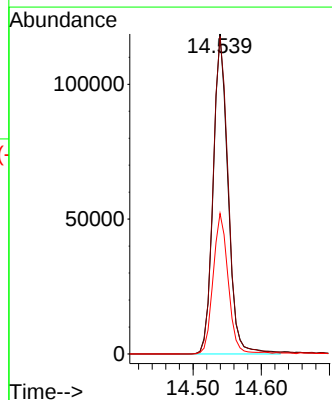
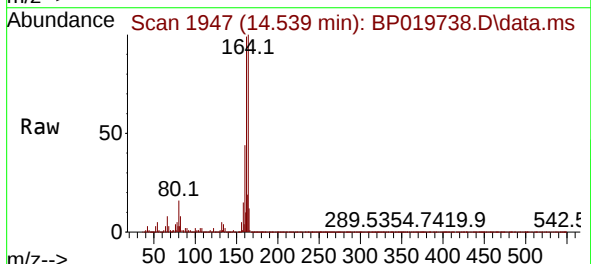
Instrument :
BNA_P
ClientSampleId :
PB159037BL

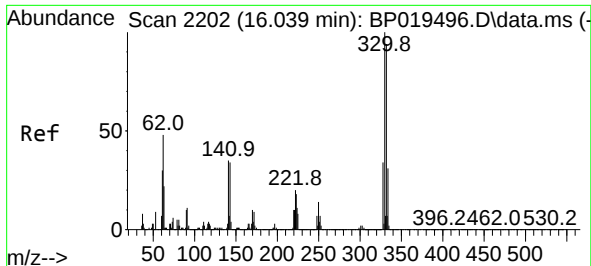
Tgt Ion: 82 Resp: 484202
Ion Ratio Lower Upper
82 100
128 39.2 29.7 44.5
54 44.5 36.8 55.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.539 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BP019738.D
Acq: 16 Feb 2024 11:06

Tgt Ion: 164 Resp: 179630
Ion Ratio Lower Upper
164 100
162 99.2 81.2 121.8
160 43.9 35.1 52.7

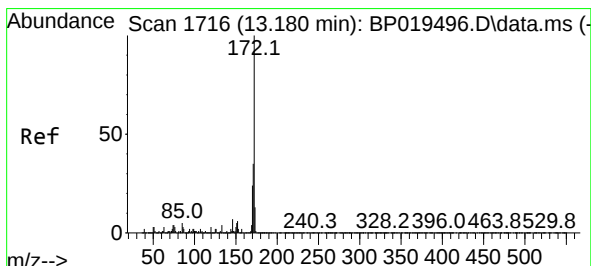
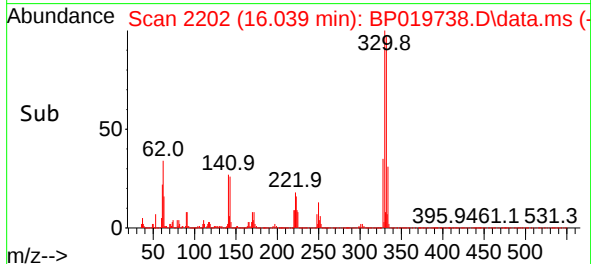
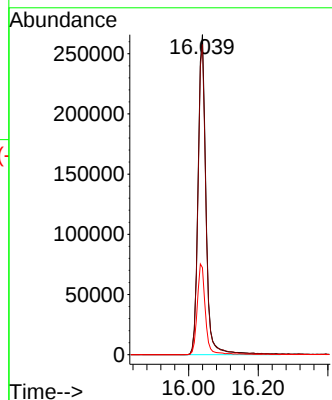
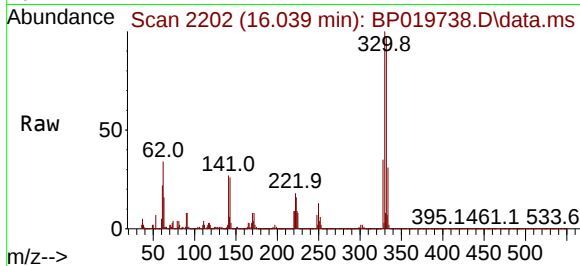




#42
2,4,6-Tribromophenol
Concen: 160.397 ng
RT: 16.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019738.D
Acq: 16 Feb 2024 11:06

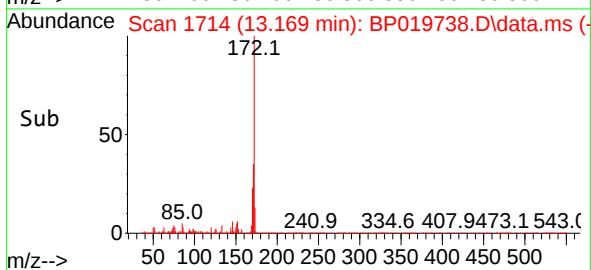
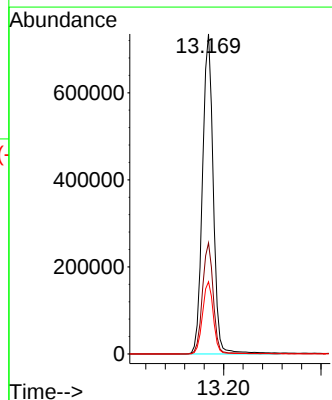
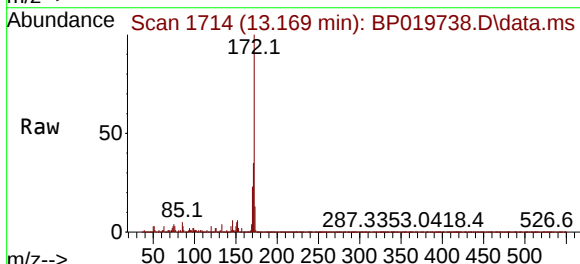
Instrument :
BNA_P
ClientSampleId :
PB159037BL

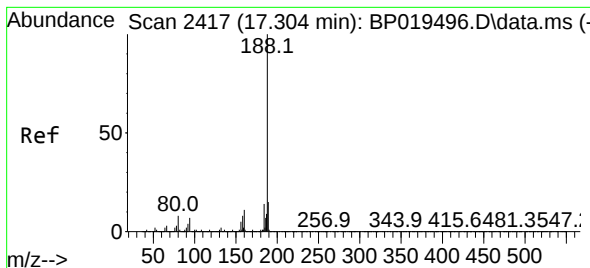
Tgt Ion:330 Resp: 420677
Ion Ratio Lower Upper
330 100
332 95.9 77.2 115.8
141 29.2 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 77.973 ng
RT: 13.169 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BP019738.D
Acq: 16 Feb 2024 11:06

Tgt Ion:172 Resp: 1132980
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.4
170 22.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.298 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP019738.D

Acq: 16 Feb 2024 11:06

Instrument :

BNA_P

ClientSampleId :

PB159037BL

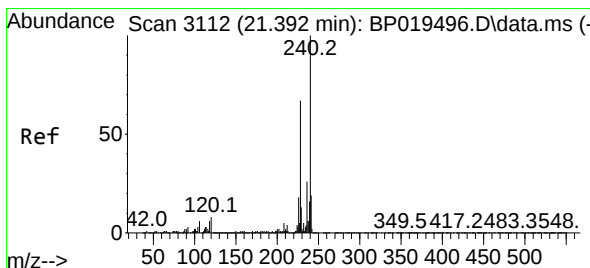
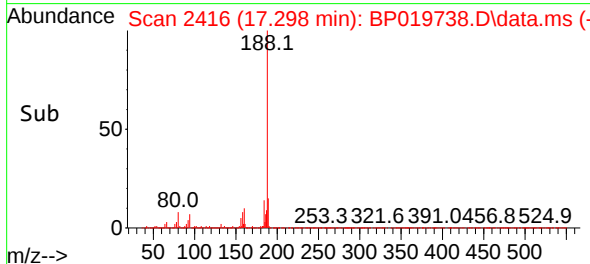
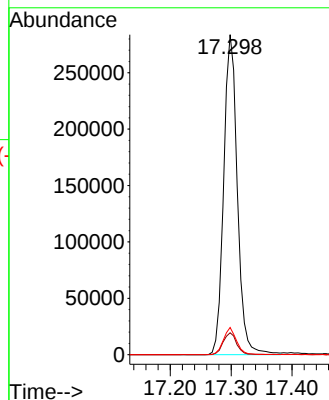
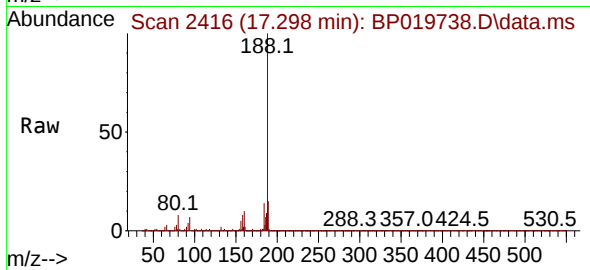
Tgt Ion:188 Resp: 441869

Ion Ratio Lower Upper

188 100

94 6.8 5.4 8.2

80 8.5 6.3 9.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BP019738.D

Acq: 16 Feb 2024 11:06

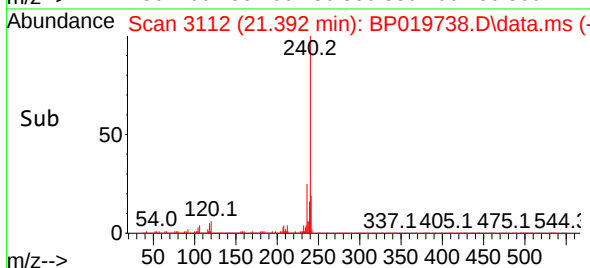
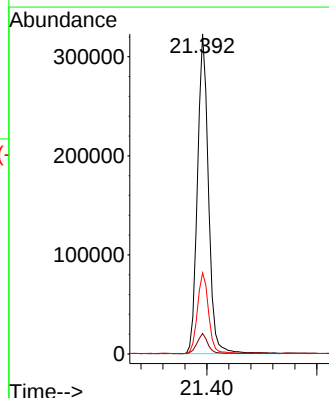
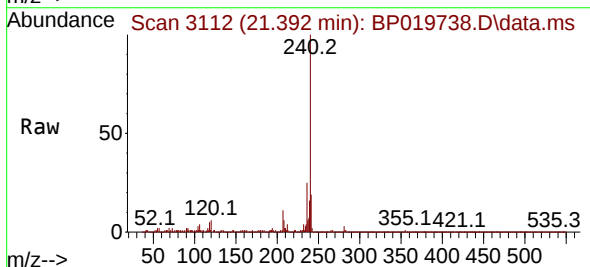
Tgt Ion:240 Resp: 448311

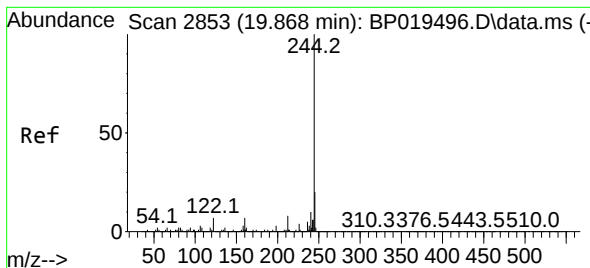
Ion Ratio Lower Upper

240 100

120 6.4 6.1 9.1

236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 88.164 ng

RT: 19.869 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP019738.D

Acq: 16 Feb 2024 11:06

Instrument :

BNA_P

ClientSampleId :

PB159037BL

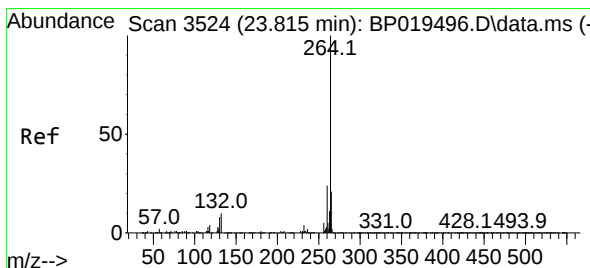
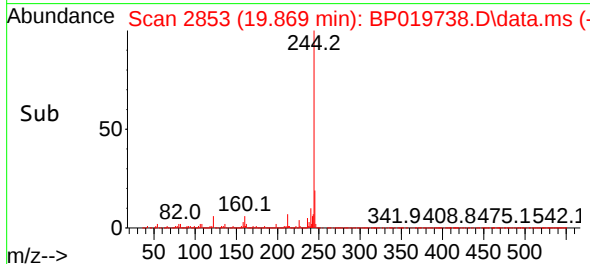
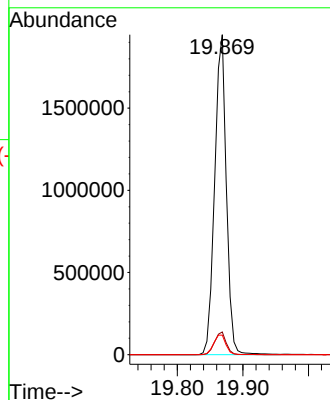
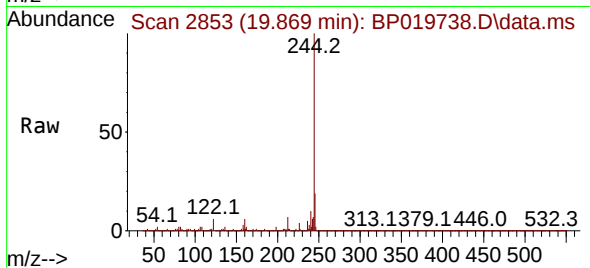
Tgt Ion:244 Resp: 2403389

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.1 5.9 8.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3525

Delta R.T. 0.006 min

Lab File: BP019738.D

Acq: 16 Feb 2024 11:06

Tgt Ion:264 Resp: 522227

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 23.0 17.0 25.4

