

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011781.D
 Acq On : 23 Sep 2022 12:21
 Operator : CG/JU
 Sample : N4609-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DSN001

Quant Time: Sep 24 01:33:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 02:45:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	50932	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	255260	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	170038	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	464816	20.000	ng	0.00
76) Chrysene-d12	21.404	240	613675	20.000	ng	0.00
86) Perylene-d12	23.851	264	734016	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	280619	96.673	ng	0.00
7) Phenol-d6	7.075	99	284394	66.261	ng	0.00
23) Nitrobenzene-d5	9.081	82	517041	106.018	ng	-0.01
42) 2,4,6-Tribromophenol	16.051	330	214049	186.951	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	1070244	99.535	ng	0.00
79) Terphenyl-d14	19.874	244	2677461	100.320	ng	0.00

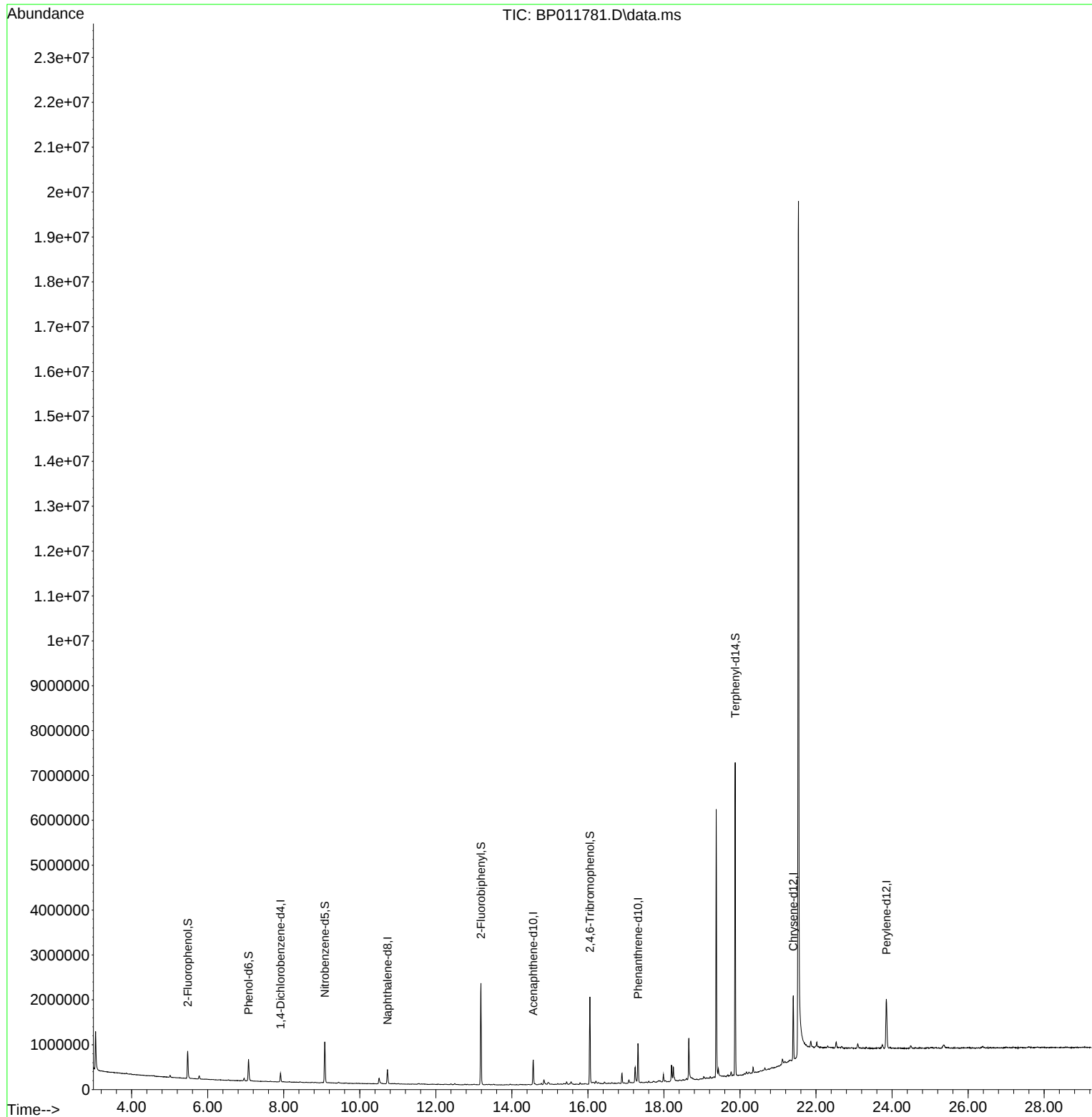
Target Compounds	Qvalue

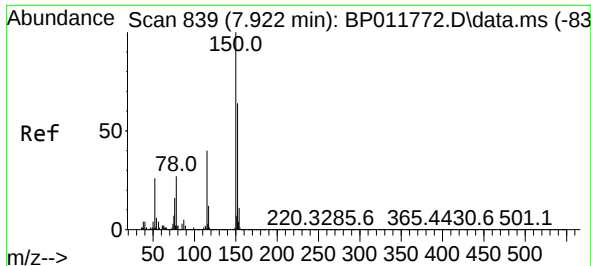
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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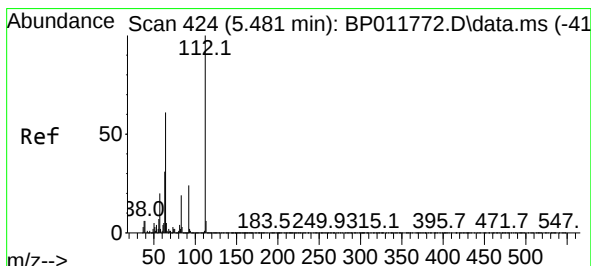
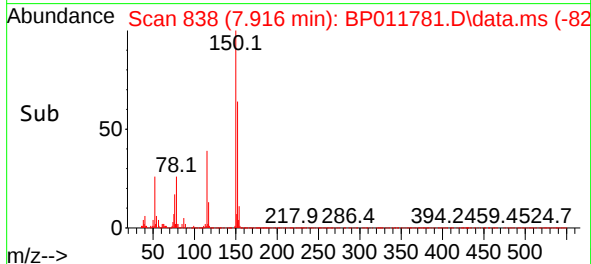
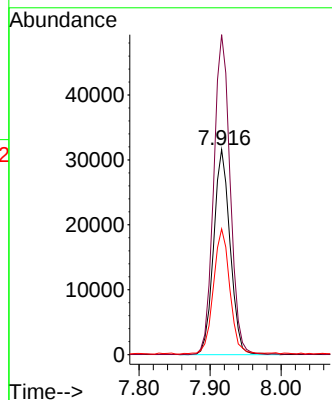
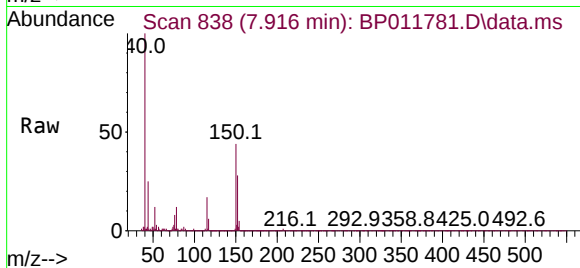




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 839
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

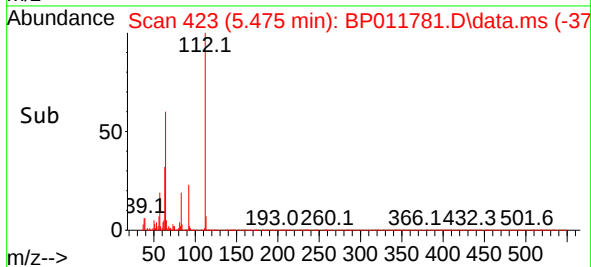
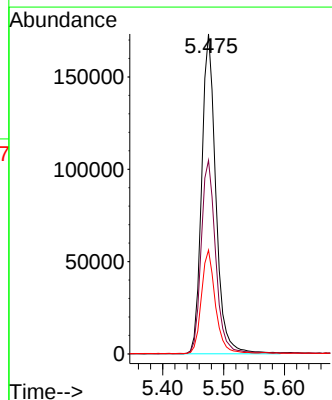
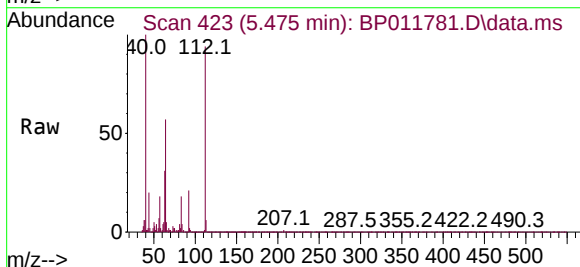
Instrument :
BNA_P
ClientSampleId :
DSN001

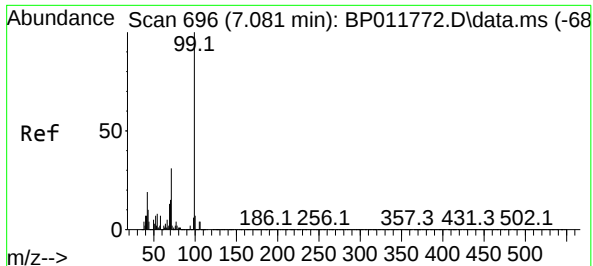
Tgt Ion:152 Resp: 50932
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.4
115 61.3 50.0 75.0



#5
2-Fluorophenol
Concen: 96.673 ng
RT: 5.475 min Scan# 423
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

Tgt Ion:112 Resp: 280619
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 32.5 25.2 37.8

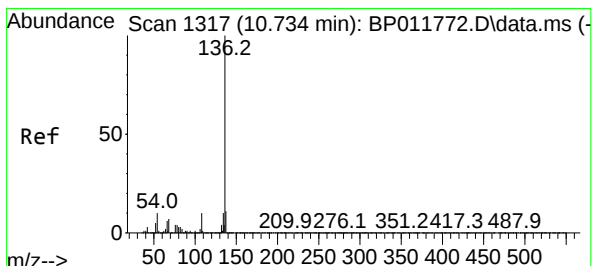
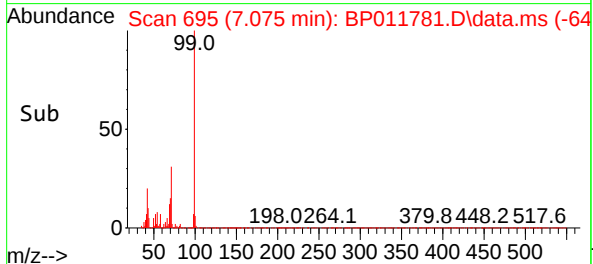
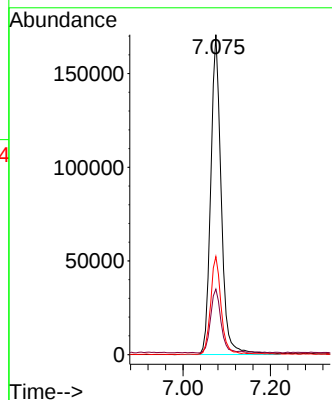
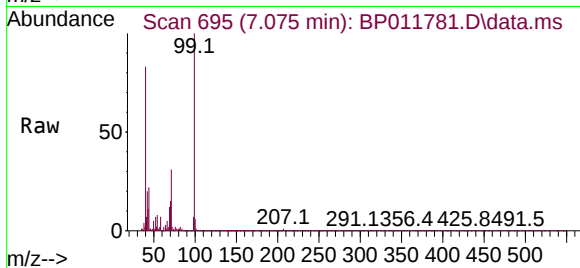




#7
Phenol-d6
Concen: 66.261 ng
RT: 7.075 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

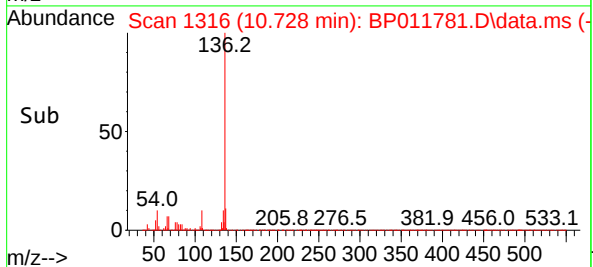
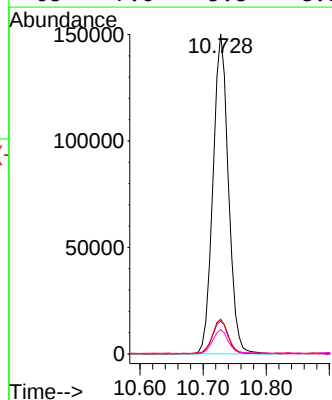
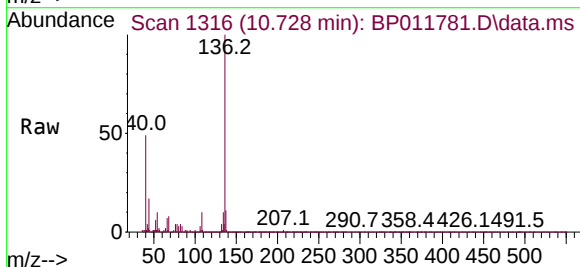
Instrument :
BNA_P
ClientSampleId :
DSN001

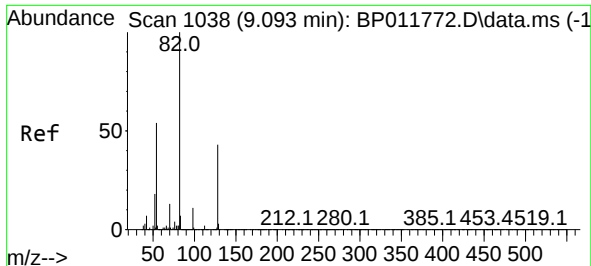
Tgt Ion: 99 Resp: 284394
Ion Ratio Lower Upper
99 100
42 20.5 15.4 23.2
71 30.6 24.7 37.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

Tgt Ion: 136 Resp: 255260
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 10.2 8.2 12.4
68 7.6 5.8 8.8





#23

Nitrobenzene-d5

Concen: 106.018 ng

RT: 9.081 min Scan# 1036

Delta R.T. -0.012 min

Lab File: BP011781.D

Acq: 23 Sep 2022 12:21

Instrument :

BNA_P

ClientSampleId :

DSN001

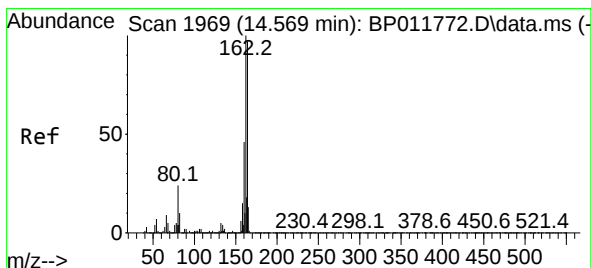
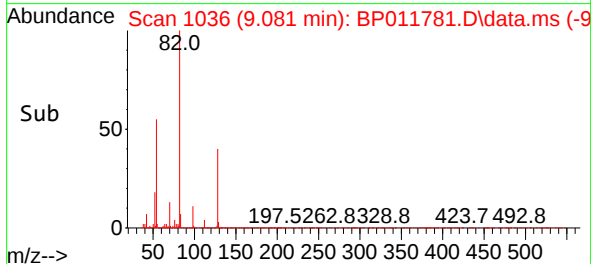
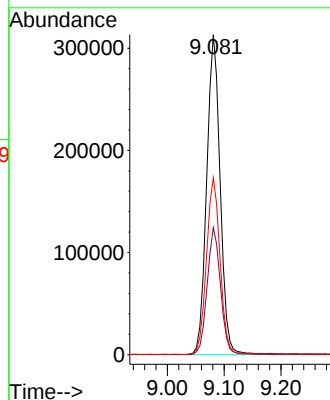
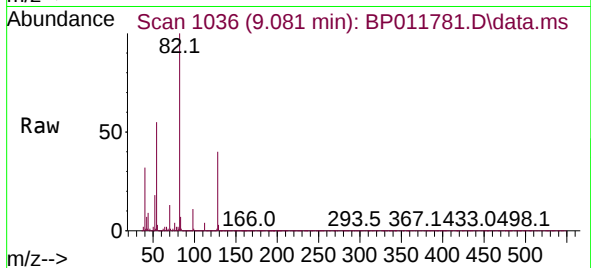
Tgt Ion: 82 Resp: 517041

Ion Ratio Lower Upper

82 100

128 39.7 34.2 51.4

54 55.2 43.1 64.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1968

Delta R.T. -0.006 min

Lab File: BP011781.D

Acq: 23 Sep 2022 12:21

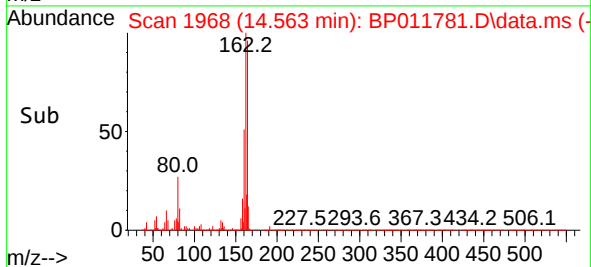
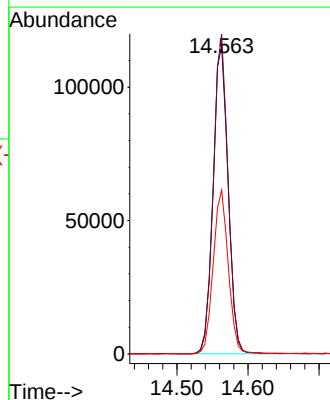
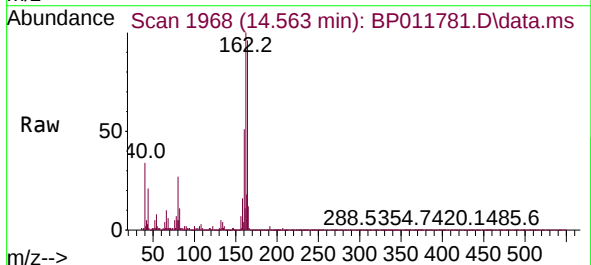
Tgt Ion: 164 Resp: 170038

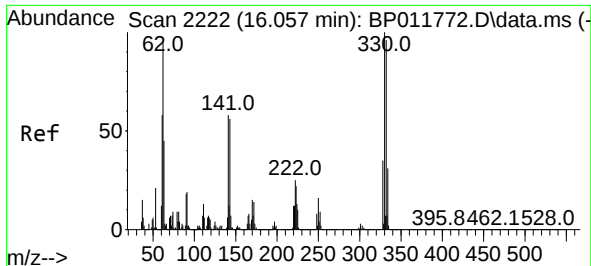
Ion Ratio Lower Upper

164 100

162 103.8 82.5 123.7

160 53.1 37.8 56.6

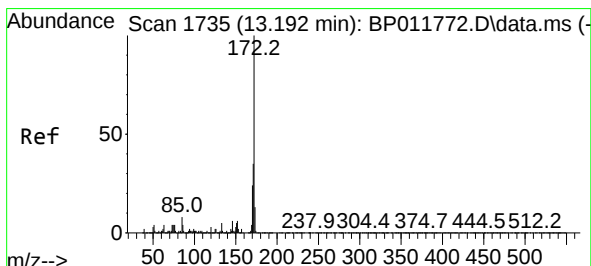
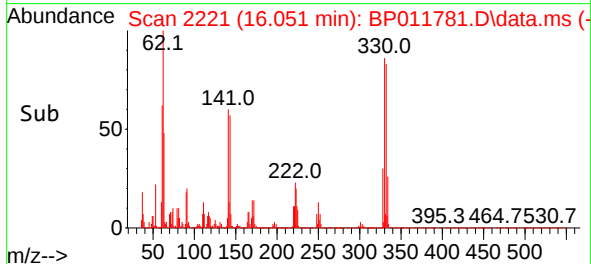
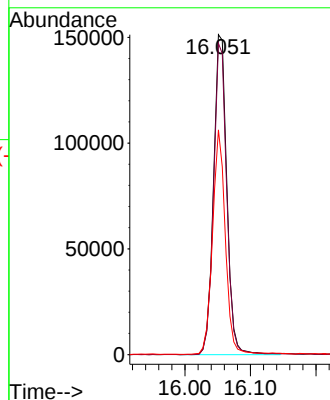
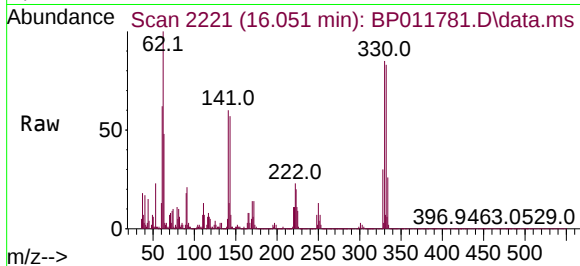




#42
2,4,6-Tribromophenol
Concen: 186.951 ng
RT: 16.051 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

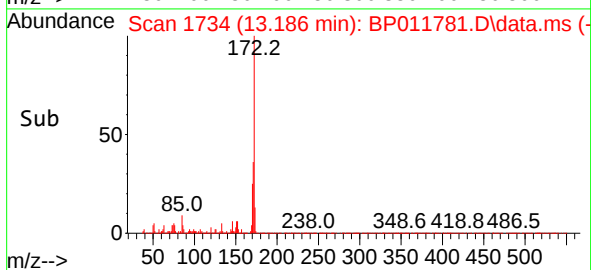
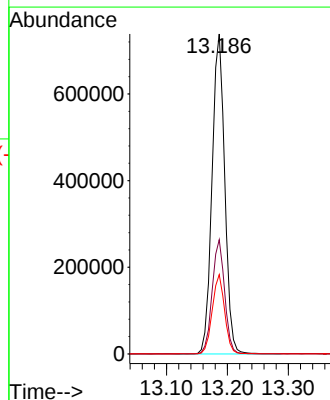
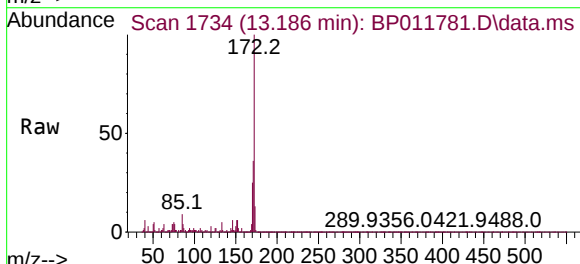
Instrument :
BNA_P
ClientSampleId :
DSN001

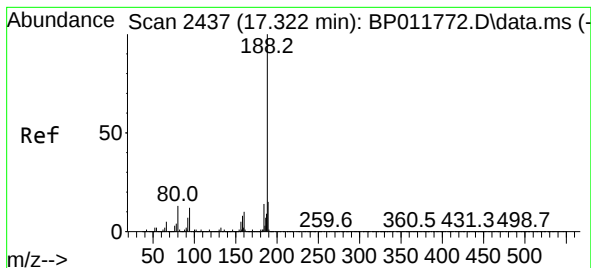
Tgt Ion:330 Resp: 214049
Ion Ratio Lower Upper
330 100
332 95.7 76.6 114.8
141 67.4 48.7 73.1



#45
2-Fluorobiphenyl
Concen: 99.535 ng
RT: 13.186 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP011781.D
Acq: 23 Sep 2022 12:21

Tgt Ion:172 Resp: 1070244
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 24.8 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.316 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP011781.D

Acq: 23 Sep 2022 12:21

Instrument :

BNA_P

ClientSampleId :

DSN001

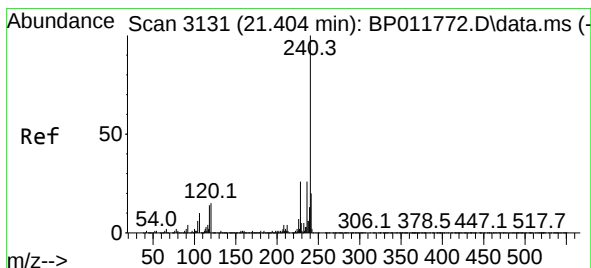
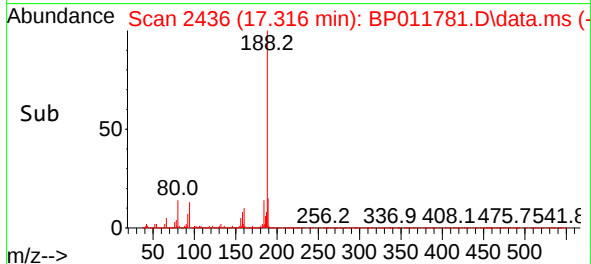
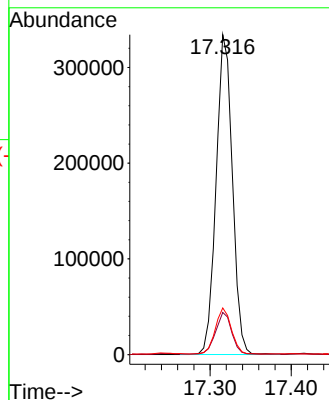
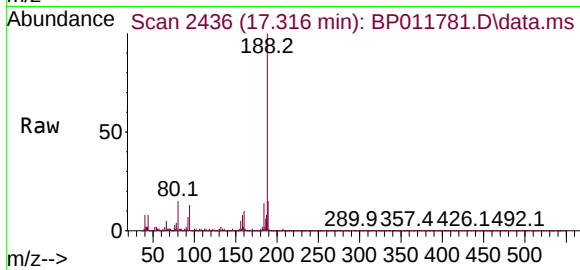
Tgt Ion:188 Resp: 464816

Ion Ratio Lower Upper

188 100

94 13.2 9.4 14.0

80 14.6 10.6 15.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.404 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP011781.D

Acq: 23 Sep 2022 12:21

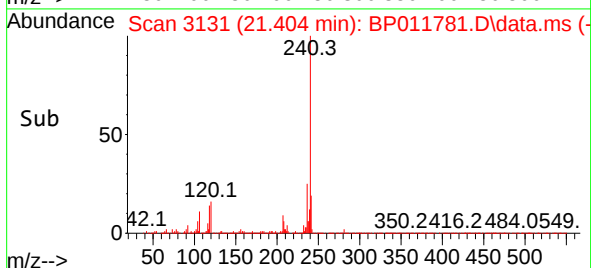
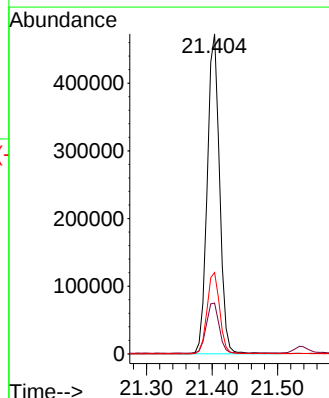
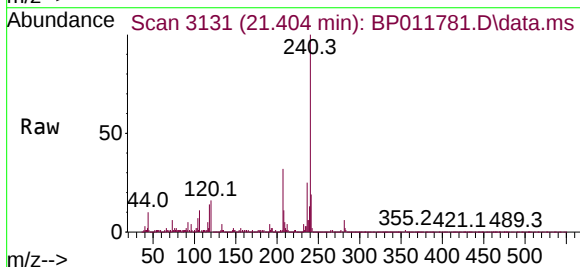
Tgt Ion:240 Resp: 613675

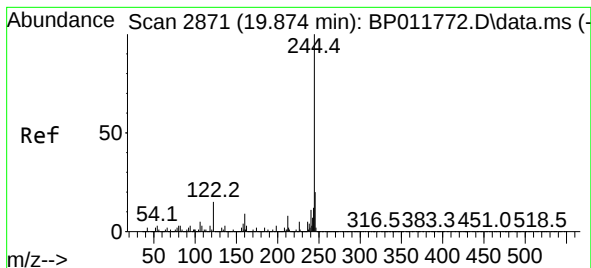
Ion Ratio Lower Upper

240 100

120 15.9 12.0 18.0

236 25.4 21.1 31.7





#79

Terphenyl-d14

Concen: 100.320 ng

RT: 19.874 min Scan# 2871

Delta R.T. -0.000 min

Lab File: BP011781.D

Acq: 23 Sep 2022 12:21

Instrument :

BNA_P

ClientSampleId :

DSN001

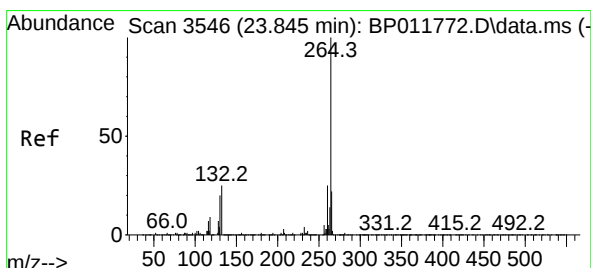
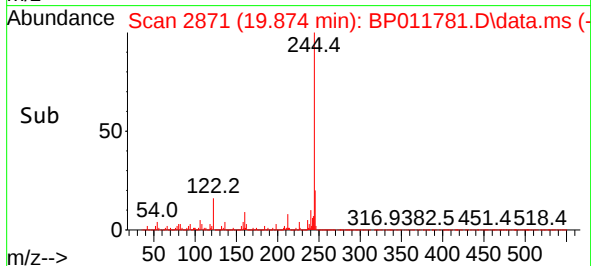
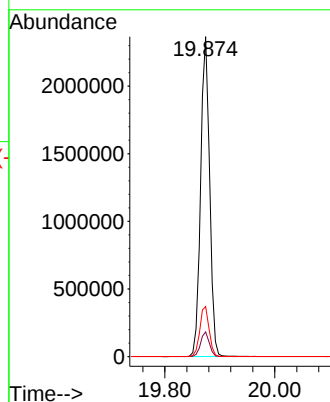
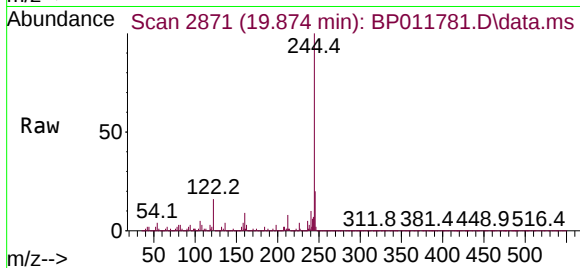
Tgt Ion:244 Resp: 2677461

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 15.6 11.8 17.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.851 min Scan# 3547

Delta R.T. 0.006 min

Lab File: BP011781.D

Acq: 23 Sep 2022 12:21

Tgt Ion:264 Resp: 734016

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

265 22.0 17.8 26.8

