

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090922\
 Data File : BP011675.D
 Acq On : 09 Sep 2022 21:59
 Operator : CG/JU
 Sample : N4549-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-58

Quant Time: Sep 10 00:58:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 10 00:48:09 2022
 Response via : Initial Calibration

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

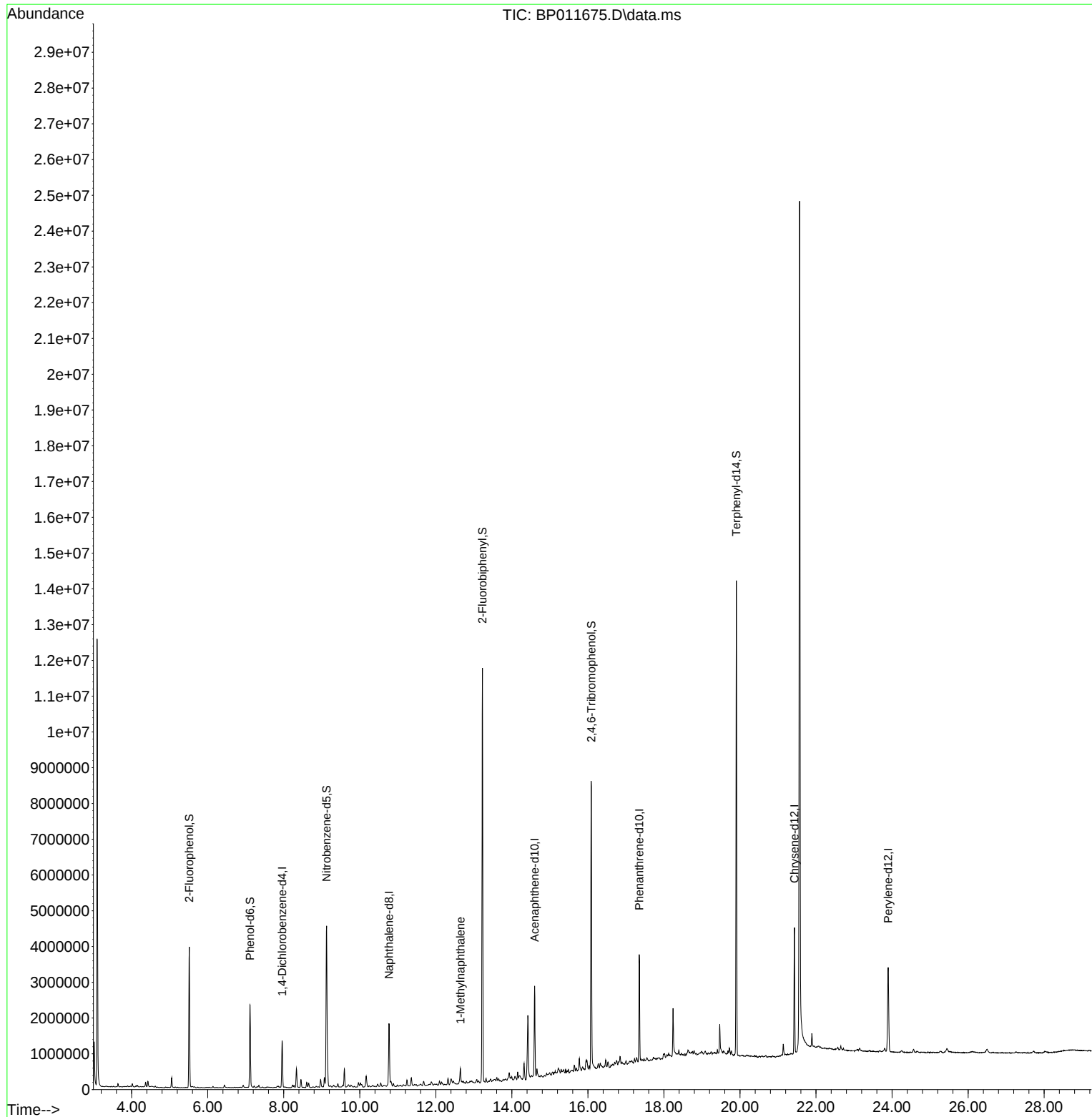
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	373911	20.000	ng	0.00
21) Naphthalene-d8	10.769	136	1524276	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	887078	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1756406	20.000	ng	# 0.00
76) Chrysene-d12	21.433	240	1664481	20.000	ng	0.00
86) Perylene-d12	23.898	264	1732497	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1764227	83.448	ng	0.00
7) Phenol-d6	7.116	99	1433777	51.252	ng	0.00
23) Nitrobenzene-d5	9.128	82	2647200	106.605	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	1471392	146.807	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	6010928	96.898	ng	0.00
79) Terphenyl-d14	19.904	244	6174849	77.701	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	12.645	142	177938	3.292	ng	Qvalue 99

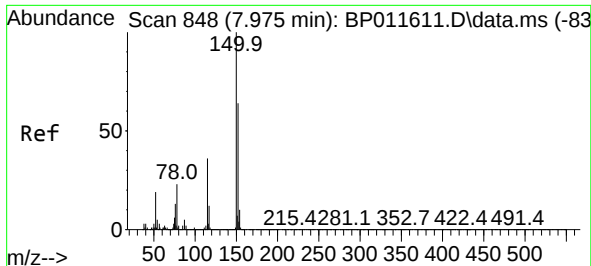
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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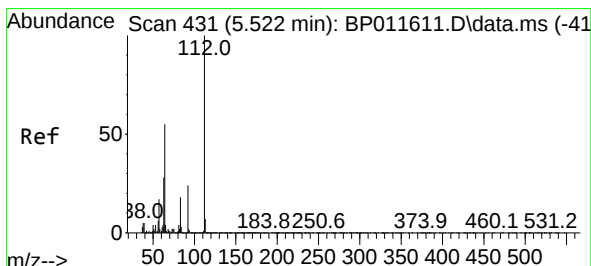
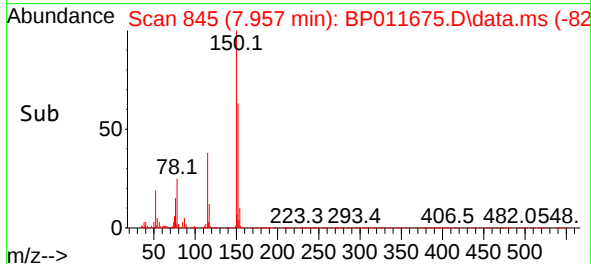
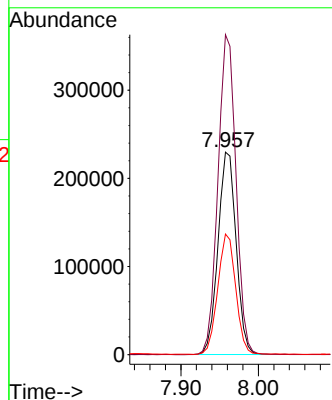
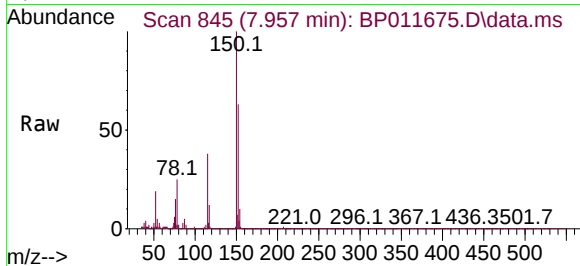




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.957 min Scan# 84
Delta R.T. -0.007 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

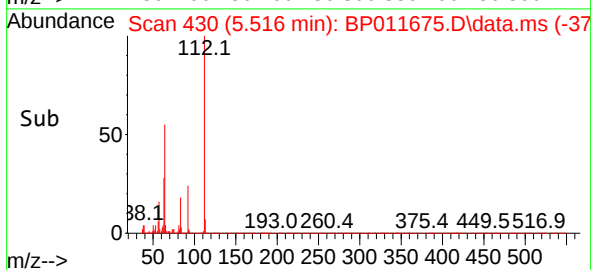
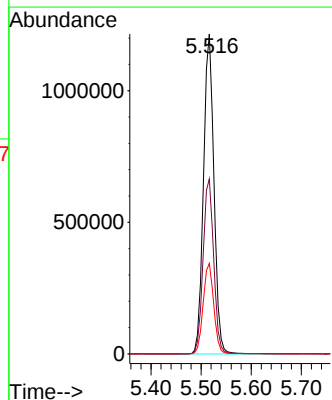
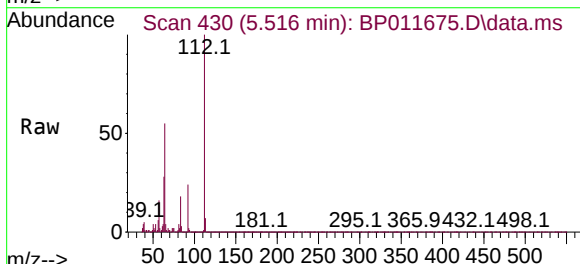
Instrument :
BNA_P
ClientSampleId :
MW-58

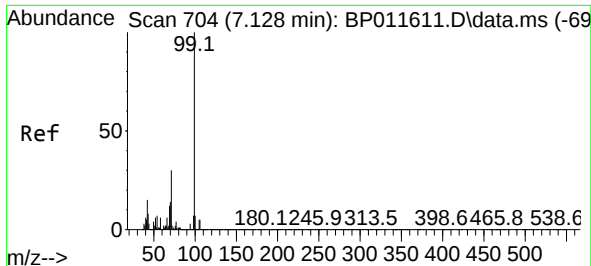
Tgt Ion:152 Resp: 373911
Ion Ratio Lower Upper
152 100
150 158.1 123.4 185.2
115 59.6 51.3 76.9



#5
2-Fluorophenol
Concen: 83.448 ng
RT: 5.516 min Scan# 430
Delta R.T. -0.000 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Tgt Ion:112 Resp: 1764227
Ion Ratio Lower Upper
112 100
64 54.7 56.9 85.3#
63 28.3 31.2 46.8#

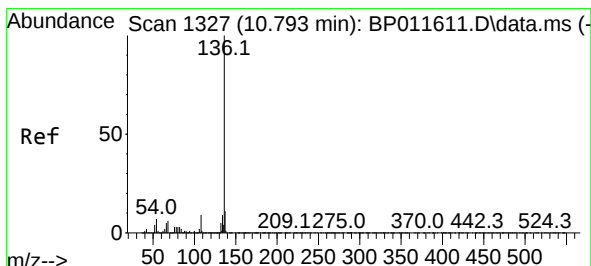
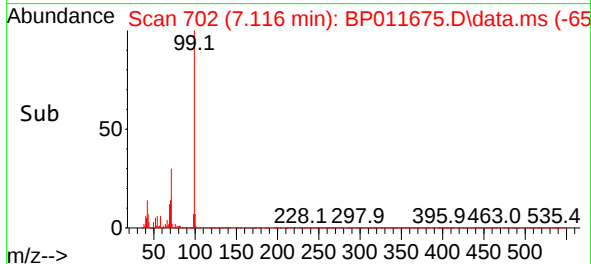
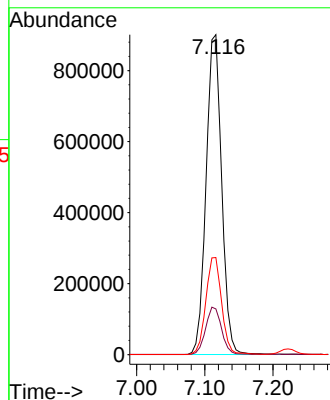
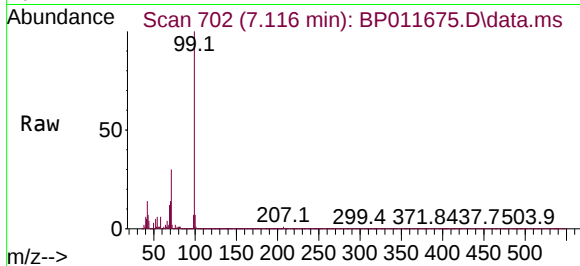




#7
Phenol-d6
Concen: 51.252 ng
RT: 7.116 min Scan# 704
Delta R.T. -0.000 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

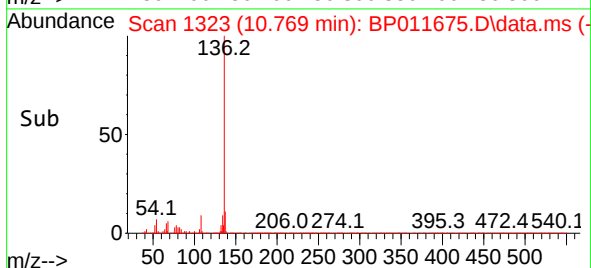
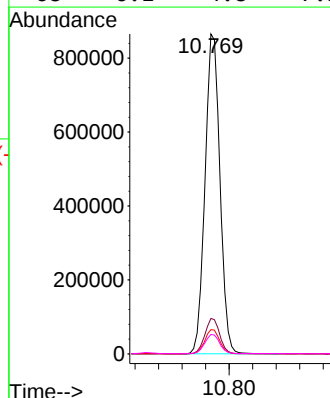
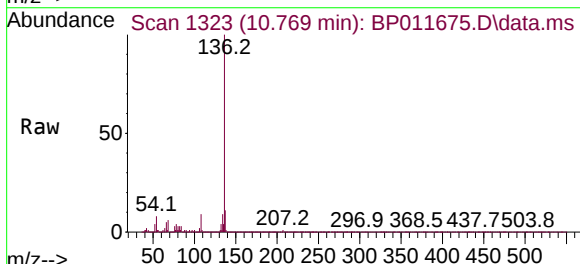
Instrument :
BNA_P
ClientSampleId :
MW-58

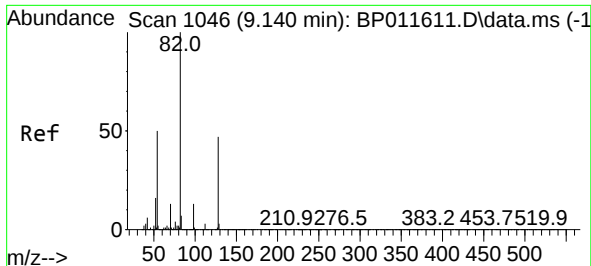
Tgt Ion: 99 Resp: 1433777
Ion Ratio Lower Upper
99 100
42 14.3 20.3 30.5#
71 30.3 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.769 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Tgt Ion:136 Resp: 1524276
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.6 8.7 13.1#
68 6.1 4.8 7.2

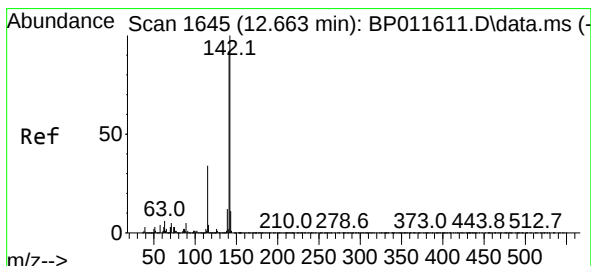
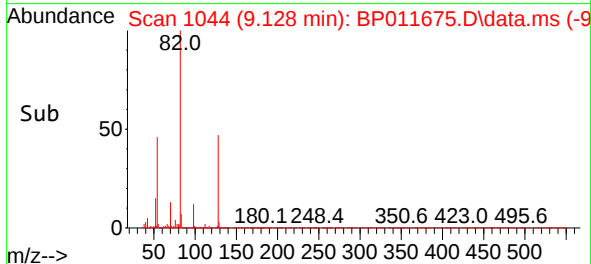
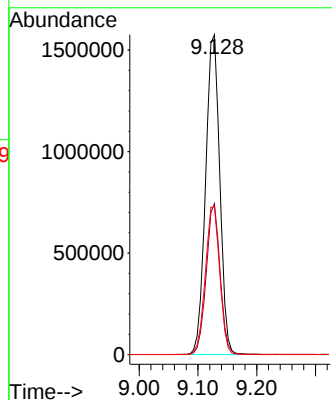
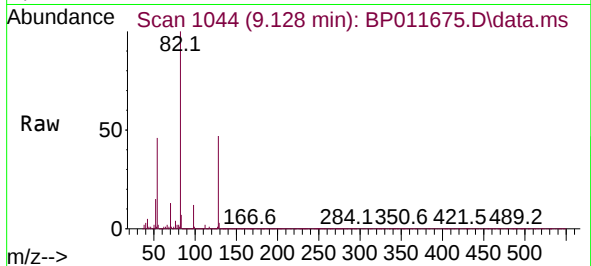




#23
Nitrobenzene-d5
Concen: 106.605 ng
RT: 9.128 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

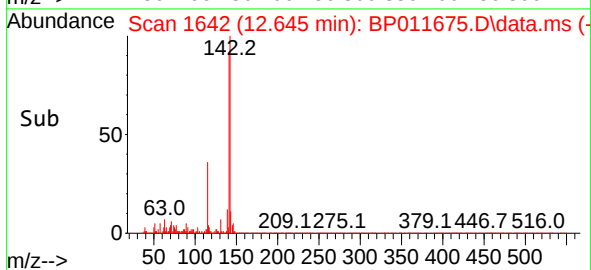
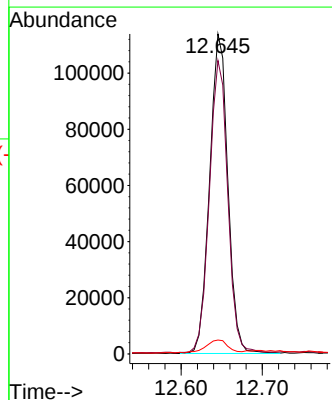
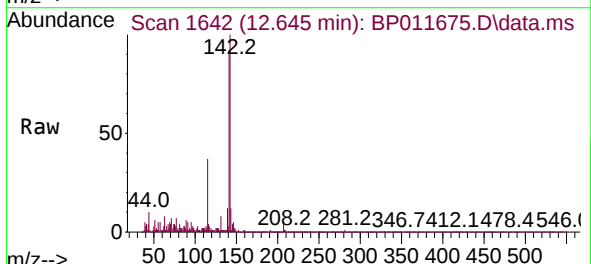
Instrument :
BNA_P
ClientSampleId :
MW-58

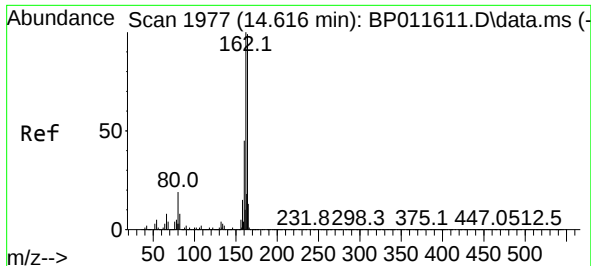
Tgt Ion: 82 Resp: 2647200
Ion Ratio Lower Upper
82 100
128 47.2 31.3 46.9#
54 46.2 49.8 74.8#



#38
1-Methylnaphthalene
Concen: 3.292 ng
RT: 12.645 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Tgt Ion: 142 Resp: 177938
Ion Ratio Lower Upper
142 100
141 91.7 72.6 108.8
116 4.3 3.3 4.9

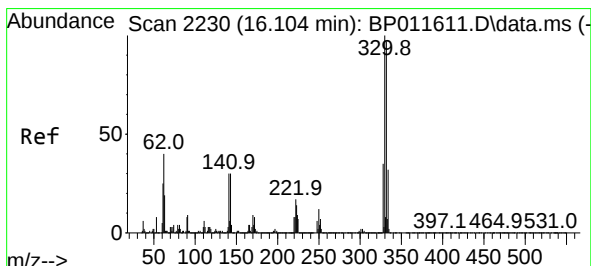
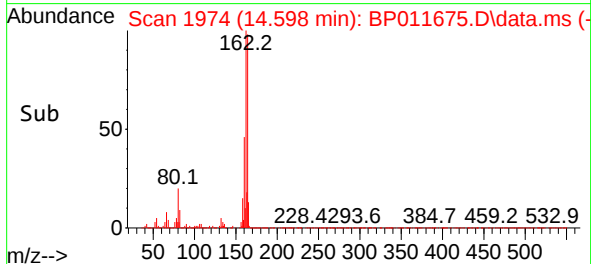
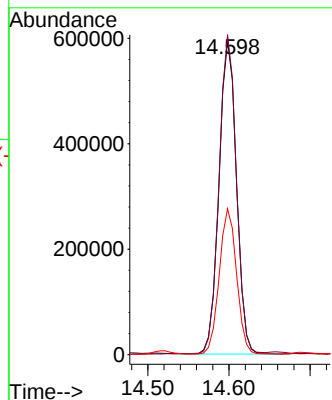
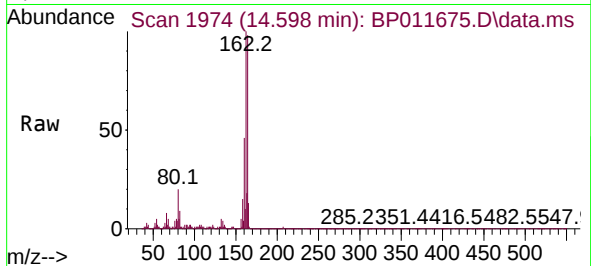




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

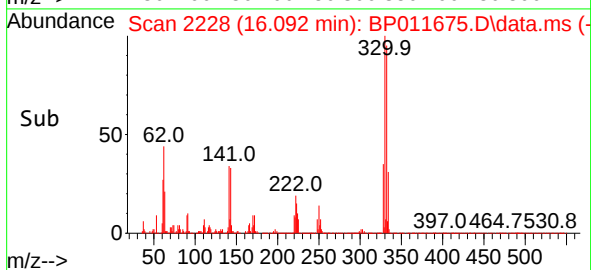
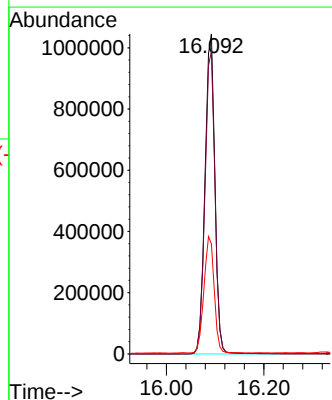
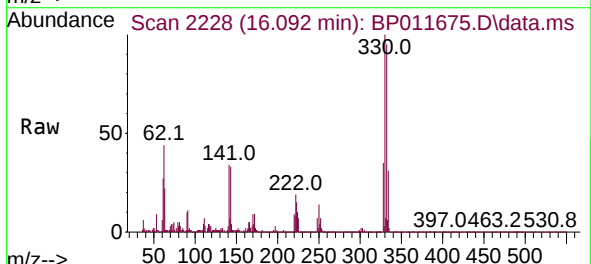
Instrument :
BNA_P
ClientSampleId :
MW-58

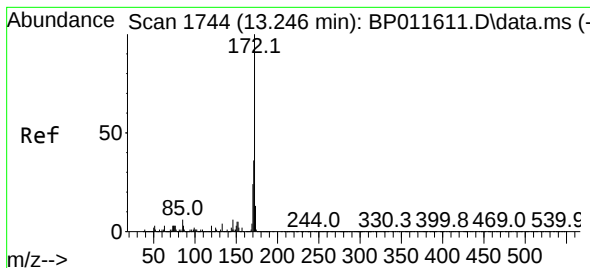
Tgt Ion:164 Resp: 887078
Ion Ratio Lower Upper
164 100
162 102.2 81.9 122.9
160 46.6 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 146.807 ng
RT: 16.092 min Scan# 2228
Delta R.T. -0.000 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Tgt Ion:330 Resp: 1471392
Ion Ratio Lower Upper
330 100
332 95.6 78.1 117.1
141 37.7 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 96.898 ng

RT: 13.228 min Scan# 1744

Delta R.T. -0.000 min

Lab File: BP011675.D

Acq: 09 Sep 2022 21:59

Instrument :

BNA_P

ClientSampleId :

MW-58

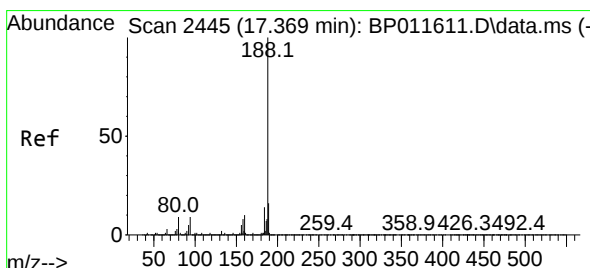
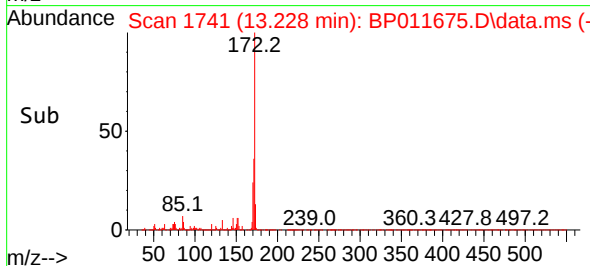
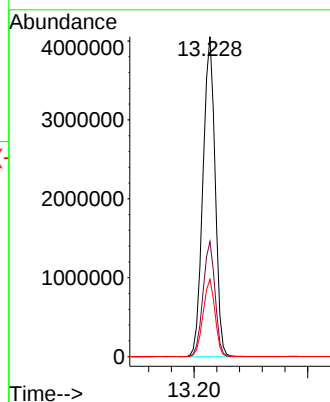
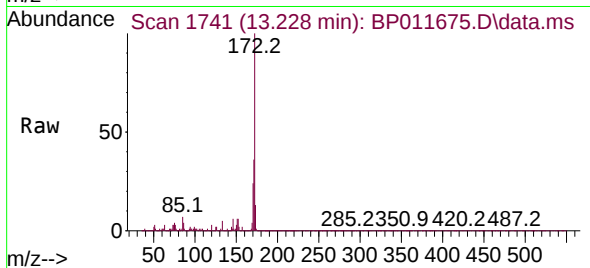
Tgt Ion:172 Resp: 6010928

Ion Ratio Lower Upper

172 100

171 35.9 27.9 41.9

170 24.1 18.2 27.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.351 min Scan# 2442

Delta R.T. -0.006 min

Lab File: BP011675.D

Acq: 09 Sep 2022 21:59

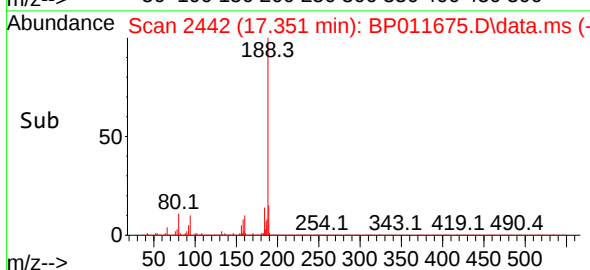
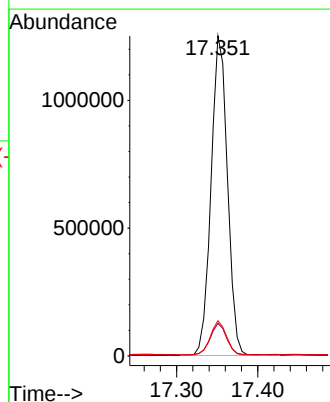
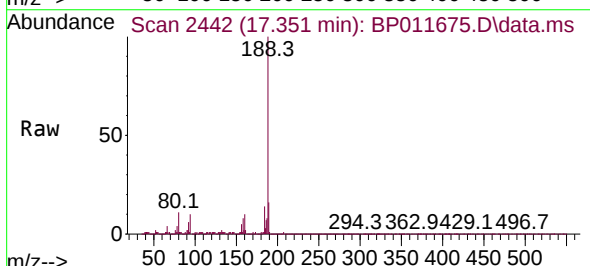
Tgt Ion:188 Resp: 1756406

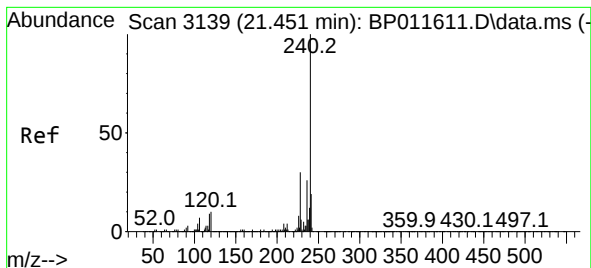
Ion Ratio Lower Upper

188 100

94 10.2 6.6 10.0#

80 11.0 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011675.D

Acq: 09 Sep 2022 21:59

Instrument :

BNA_P

ClientSampleId :

MW-58

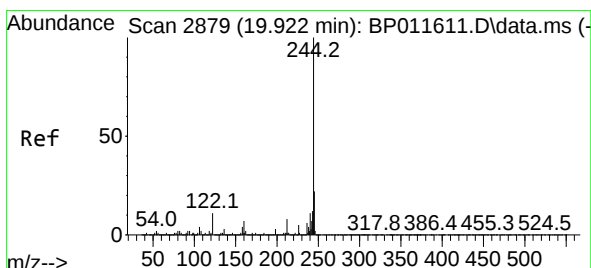
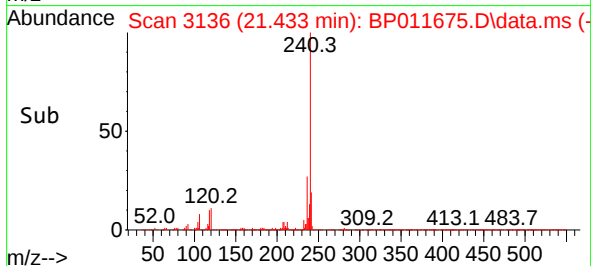
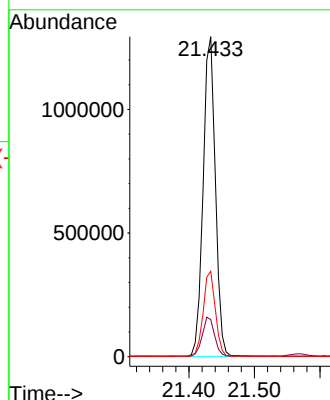
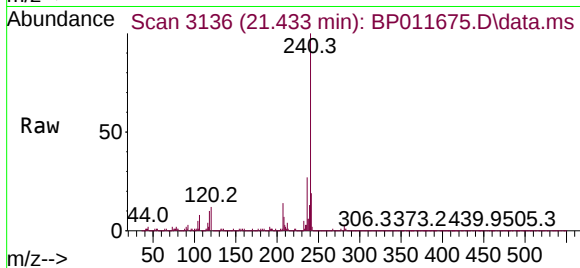
Tgt Ion:240 Resp: 1664481

Ion Ratio Lower Upper

240 100

120 11.6 8.6 12.8

236 26.7 19.8 29.6



#79

Terphenyl-d14

Concen: 77.701 ng

RT: 19.904 min Scan# 2876

Delta R.T. -0.006 min

Lab File: BP011675.D

Acq: 09 Sep 2022 21:59

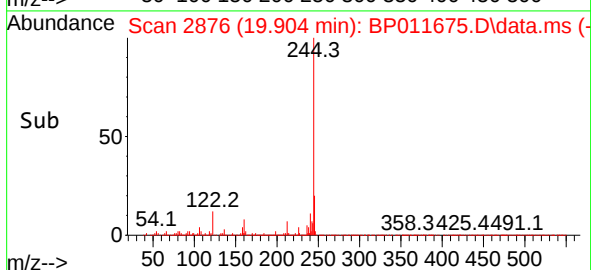
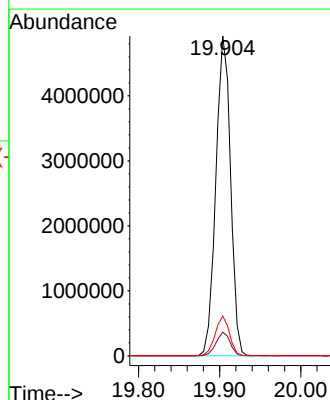
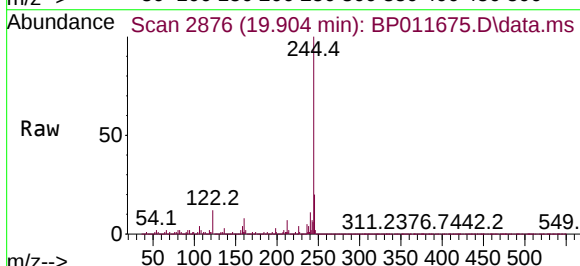
Tgt Ion:244 Resp: 6174849

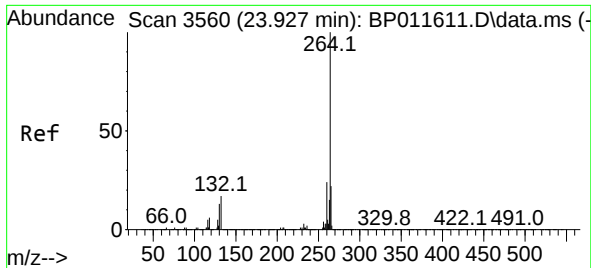
Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 12.4 7.6 11.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.898 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP011675.D
Acq: 09 Sep 2022 21:59

Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:264 Resp: 1732497

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.3	18.0	27.0

