

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061522\
 Data File : BP010743.D
 Acq On : 15 Jun 2022 22:55
 Operator : CG/JU
 Sample : N3354-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-58

Quant Time: Jun 16 02:24:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 00:00:39 2022
 Response via : Initial Calibration

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

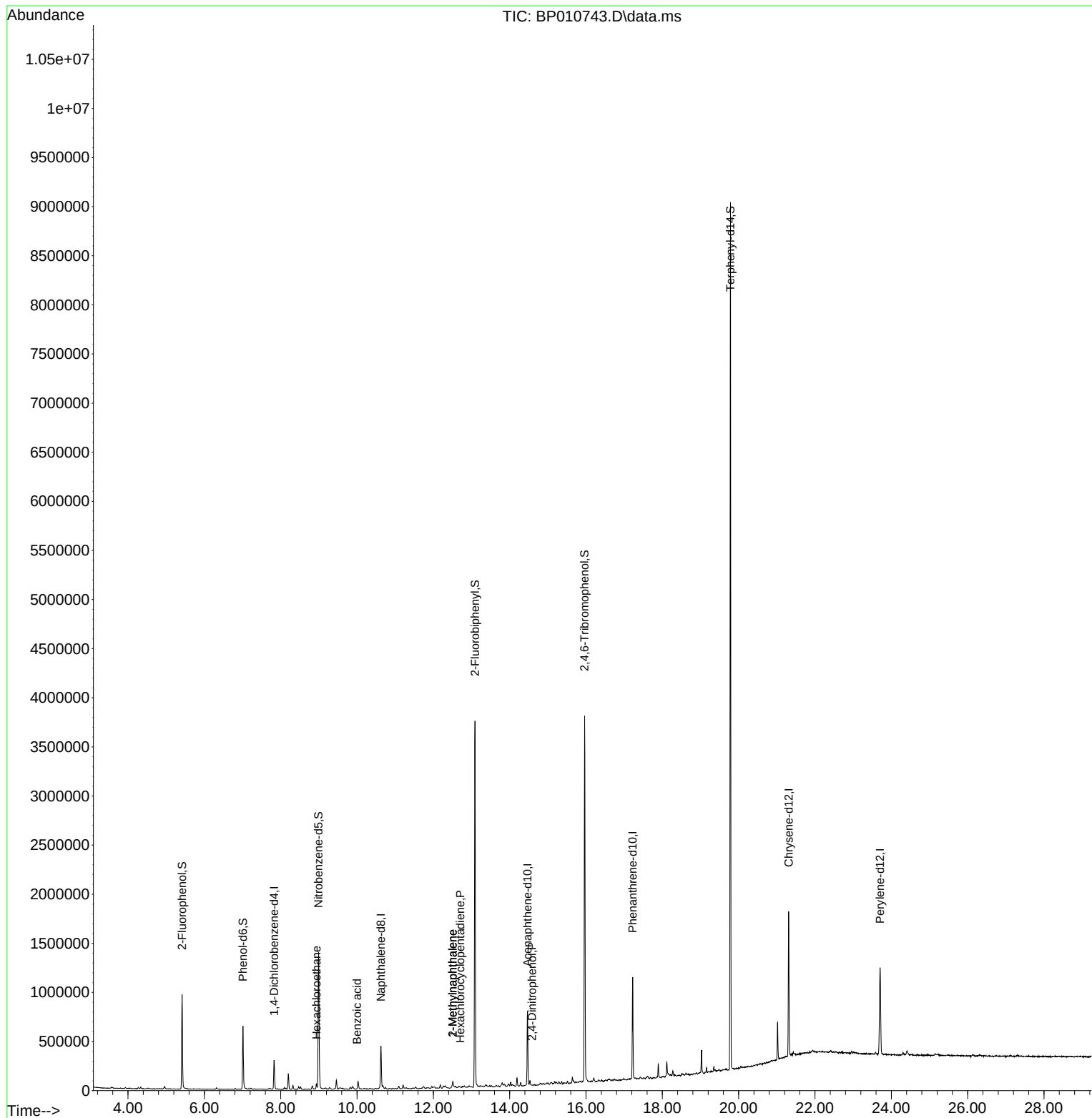
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	72636	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	330494	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	251289	20.000	ng	0.00
64) Phenanthrene-d10	17.221	188	612404	20.000	ng	0.00
76) Chrysene-d12	21.309	240	706400	20.000	ng	# 0.00
86) Perylene-d12	23.703	264	713111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	354101	84.137	ng	0.00
7) Phenol-d6	7.010	99	324258	56.337	ng	0.00
23) Nitrobenzene-d5	8.992	82	749868	106.850	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	668926	195.480	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	1807476	103.473	ng	0.00
79) Terphenyl-d14	19.786	244	3874338	102.557	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.940	117	7800	3.755	ng	# 1
32) Benzoic acid	9.998	122	113	6.109	ng	# 1
37) 2-Methylnaphthalene	12.510	142	24679	2.007	ng	92
38) 1-Methylnaphthalene	12.510	142	24679	2.040	ng	# 92
41) Hexachlorocyclopentadiene	12.704	237	13	6.198	ng	88
54) 2,4-Dinitrophenol	14.586	184	96	5.348	ng	# 1

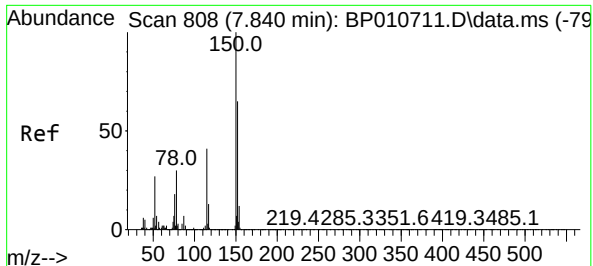
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 00:00:39 2022
Response via : Initial Calibration

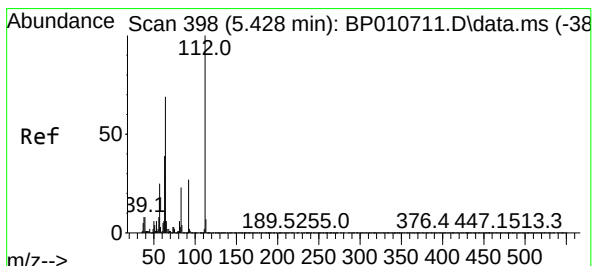
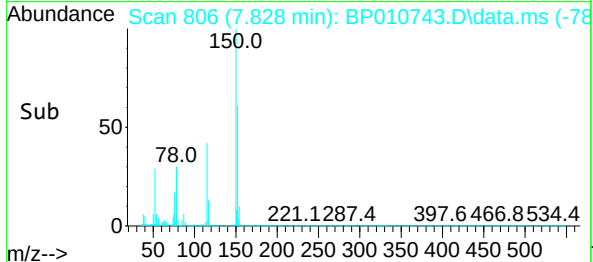
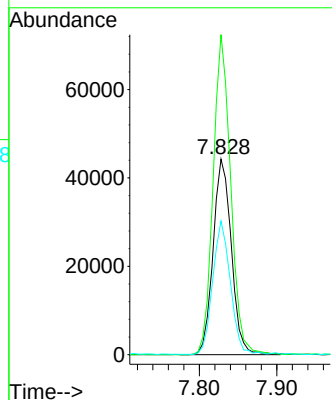
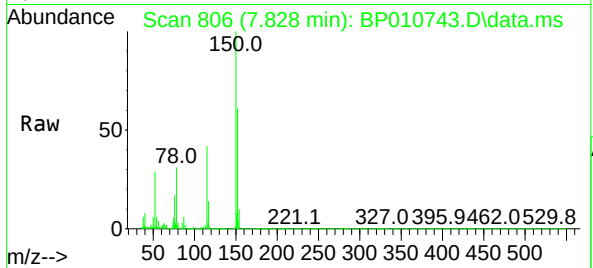




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 808
Delta R.T. -0.000 min
Lab File: BP010743.D
Acq: 15 Jun 2022 22:55

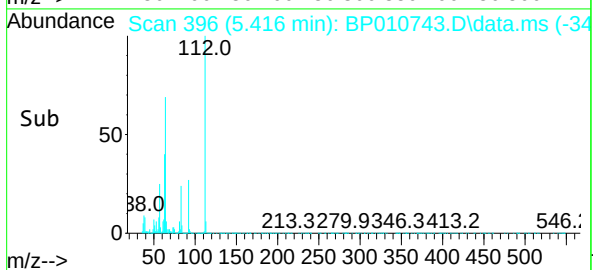
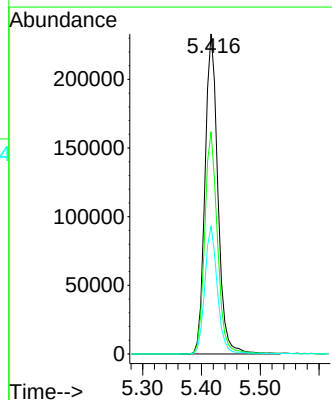
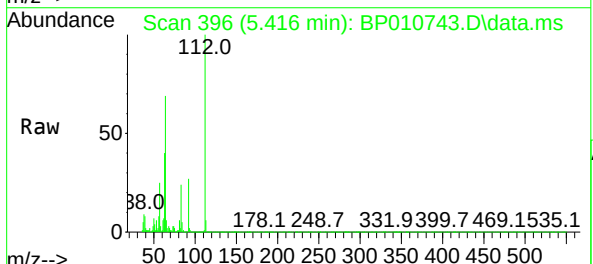
Instrument :
BNA_P
ClientSampleId :
MW-58

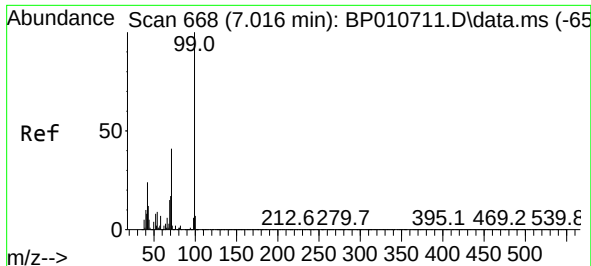
Tgt Ion:152 Resp: 72636
Ion Ratio Lower Upper
152 100
150 163.6 123.4 185.2
115 68.3 51.3 76.9



#5
2-Fluorophenol
Concen: 84.137 ng
RT: 5.416 min Scan# 396
Delta R.T. -0.000 min
Lab File: BP010743.D
Acq: 15 Jun 2022 22:55

Tgt Ion:112 Resp: 354101
Ion Ratio Lower Upper
112 100
64 69.4 56.9 85.3
63 39.8 31.2 46.8

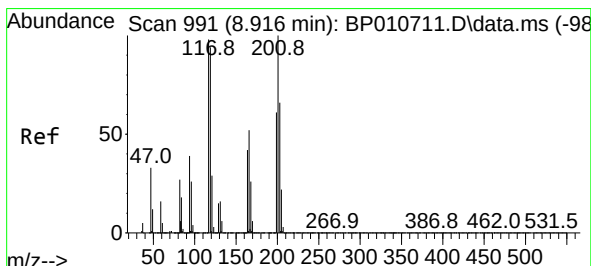
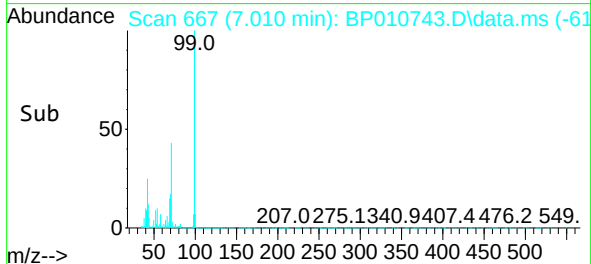
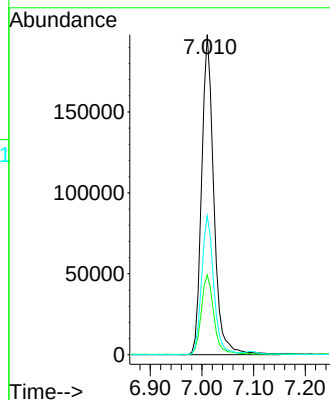
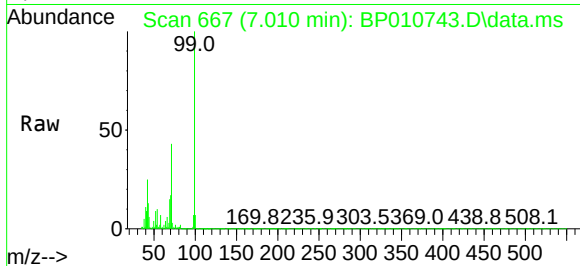




#7
Phenol-d6
Concen: 56.337 ng
RT: 7.010 min Scan# 610
Delta R.T. -0.000 min
Lab File: BP010743.D
Acq: 15 Jun 2022 22:55

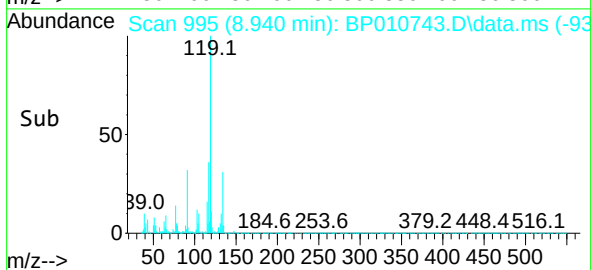
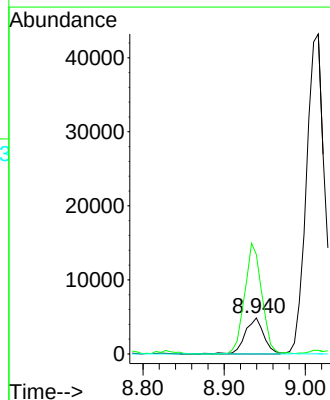
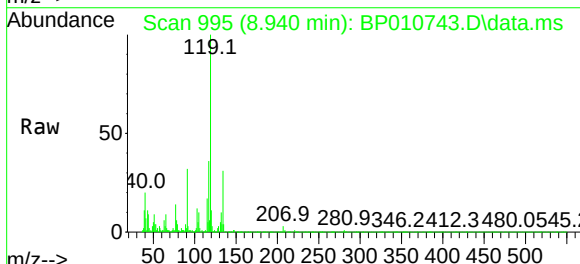
Instrument :
BNA_P
ClientSampleId :
MW-58

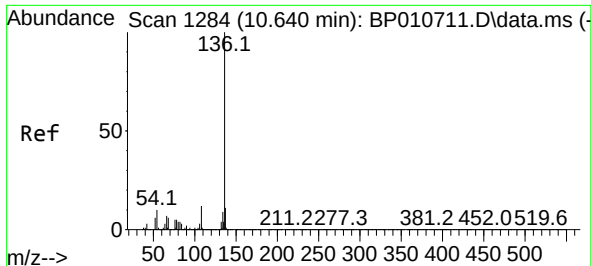
Tgt Ion: 99 Resp: 324258
Ion Ratio Lower Upper
99 100
42 24.9 20.3 30.5
71 43.4 33.9 50.9



#18
Hexachloroethane
Concen: 3.755 ng
RT: 8.940 min Scan# 995
Delta R.T. 0.035 min
Lab File: BP010743.D
Acq: 15 Jun 2022 22:55

Tgt Ion: 117 Resp: 7800
Ion Ratio Lower Upper
117 100
119 275.9 75.6 113.4#
201 0.2 80.9 121.3#

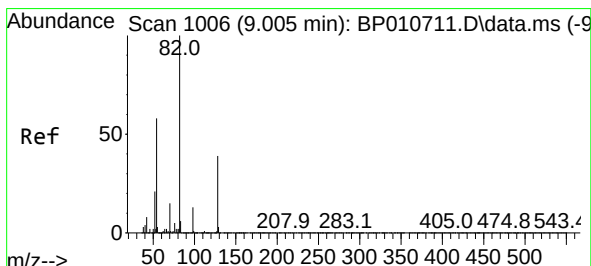
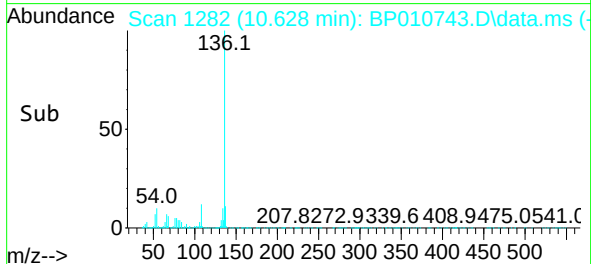
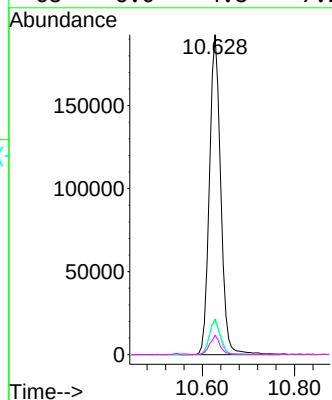
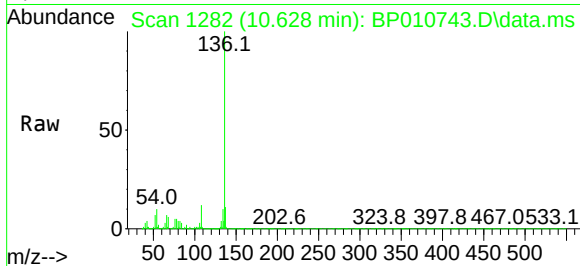




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP010743.D
Acq: 15 Jun 2022 22:55

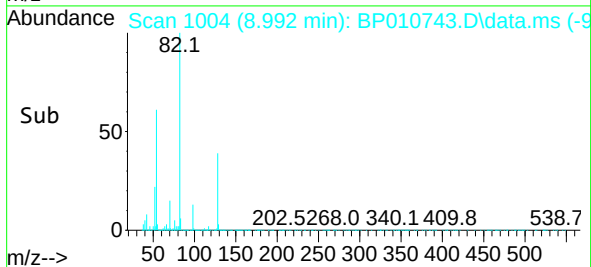
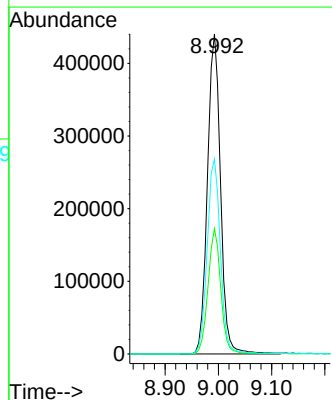
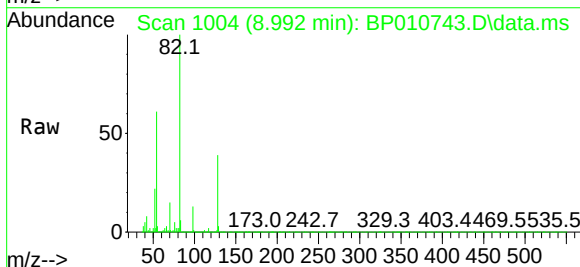
Instrument :
BNA_P
ClientSampleId :
MW-58

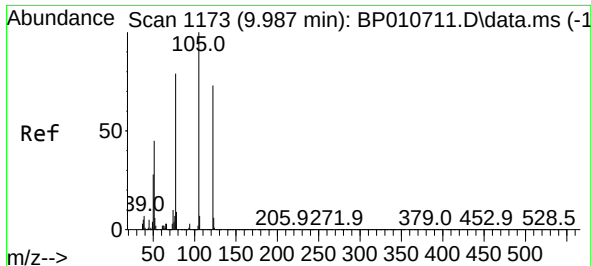
Tgt Ion:	136	Resp:	330494
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	10.3	8.7	13.1
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 106.850 ng
RT: 8.992 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BP010743.D
Acq: 15 Jun 2022 22:55

Tgt Ion:	82	Resp:	749868
Ion	Ratio	Lower	Upper
82	100		
128	39.2	31.3	46.9
54	60.9	49.8	74.8

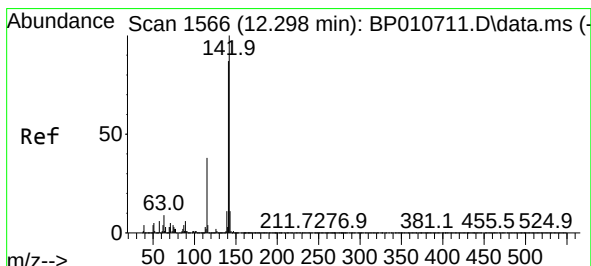
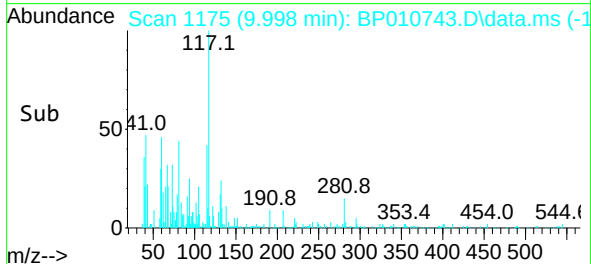
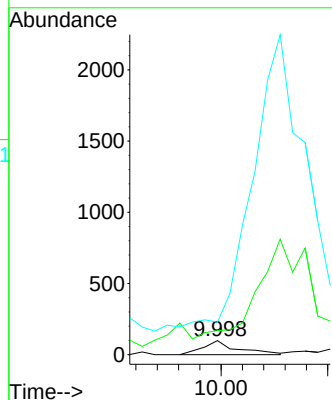
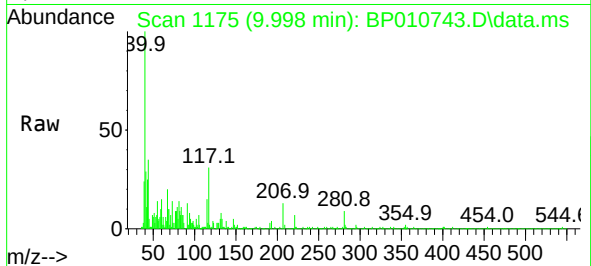




#32
Benzoic acid
Concen: 6.109 ng
RT: 9.998 min Scan# 1173
Delta R.T. 0.017 min
Lab File: BP010743.D
Acq: 15 Jun 2022 22:55

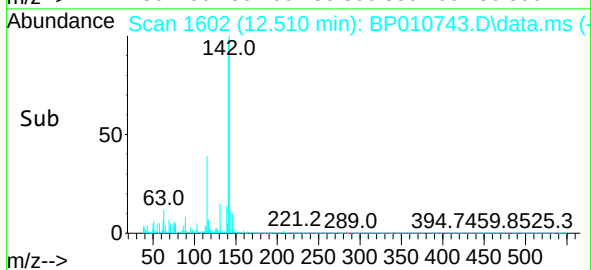
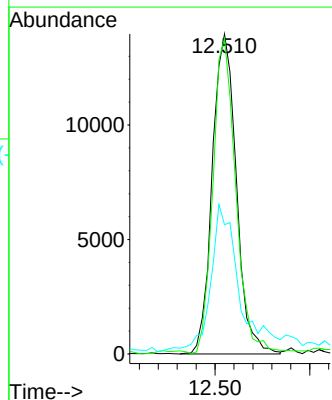
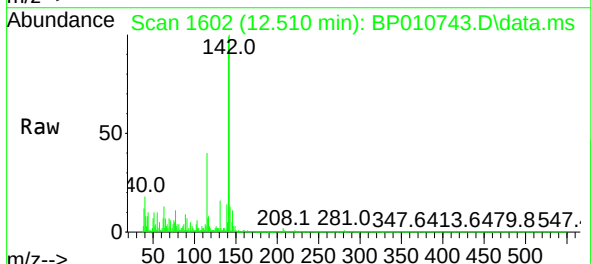
Instrument :
BNA_P
ClientSampleId :
MW-58

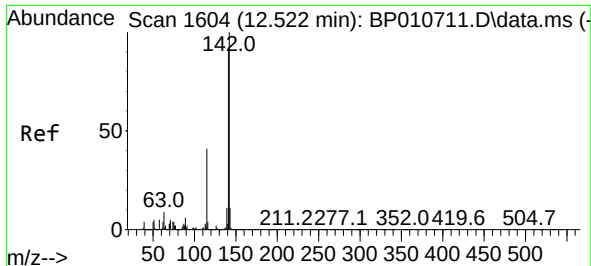
Tgt Ion:122 Resp: 113
Ion Ratio Lower Upper
122 100
105 234.3 112.6 152.6#
77 230.3 90.2 130.2#



#37
2-Methylnaphthalene
Concen: 2.007 ng
RT: 12.510 min Scan# 1602
Delta R.T. 0.217 min
Lab File: BP010743.D
Acq: 15 Jun 2022 22:55

Tgt Ion:142 Resp: 24679
Ion Ratio Lower Upper
142 100
141 98.6 71.3 106.9
115 40.4 31.4 47.2

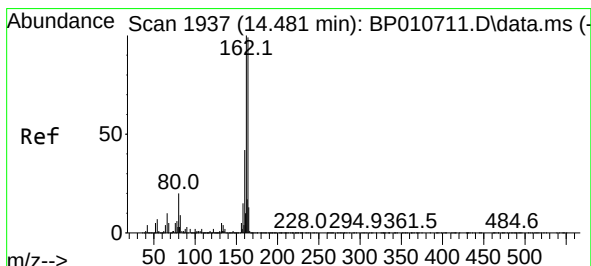
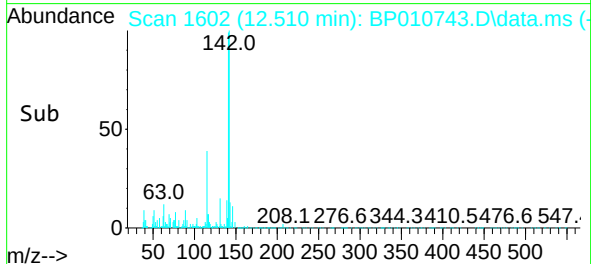
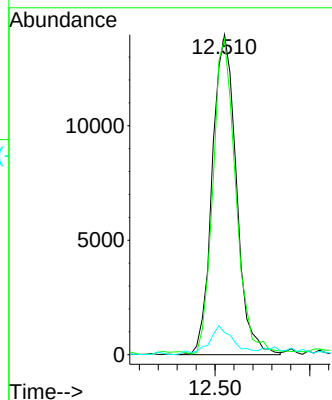
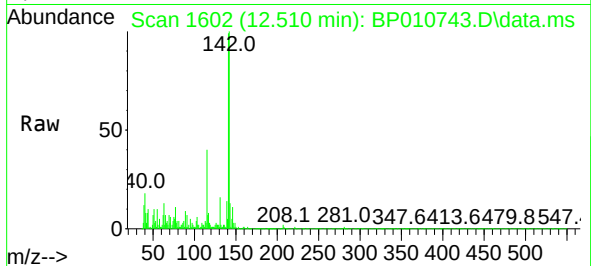




#38
1-Methylnaphthalene
Concen: 2.040 ng
RT: 12.510 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BP010743.D
Acq: 15 Jun 2022 22:55

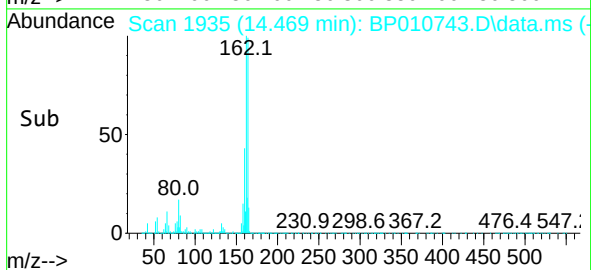
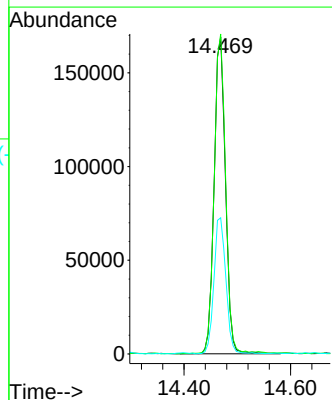
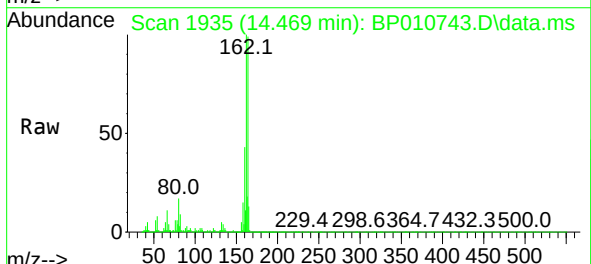
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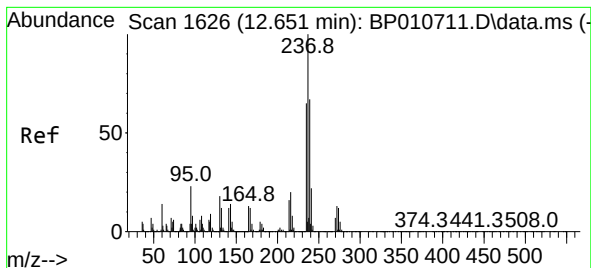
Tgt Ion:142 Resp: 24679
Ion Ratio Lower Upper
142 100
141 98.6 72.6 108.8
116 6.9 3.3 4.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP010743.D
Acq: 15 Jun 2022 22:55

Tgt Ion:164 Resp: 251289
Ion Ratio Lower Upper
164 100
162 100.9 81.9 122.9
160 42.9 34.6 51.8





#41

Hexachlorocyclopentadiene

Concen: 6.198 ng

RT: 12.704 min Scan# 1

Delta R.T. 0.064 min

Lab File: BP010743.D

Acq: 15 Jun 2022 22:55

Instrument :

BNA_P

ClientSampleId :

MW-58

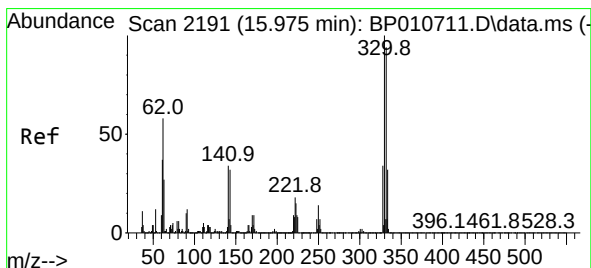
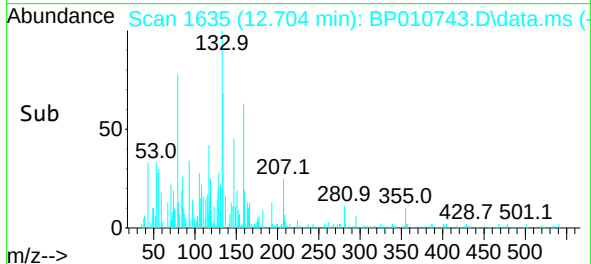
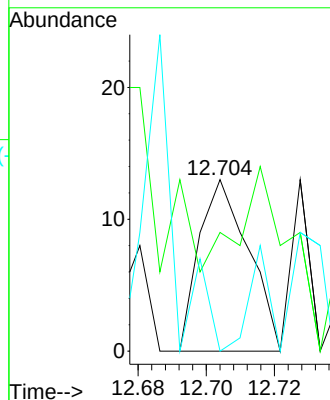
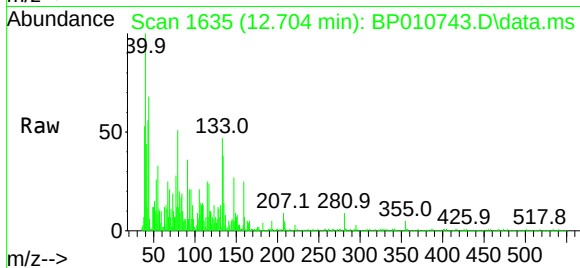
Tgt Ion:237 Resp: 13

Ion Ratio Lower Upper

237 100

235 69.2 43.3 83.3

272 0.0 0.0 33.0



#42

2,4,6-Tribromophenol

Concen: 195.480 ng

RT: 15.963 min Scan# 2189

Delta R.T. -0.000 min

Lab File: BP010743.D

Acq: 15 Jun 2022 22:55

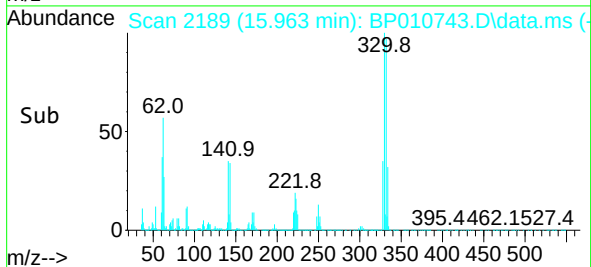
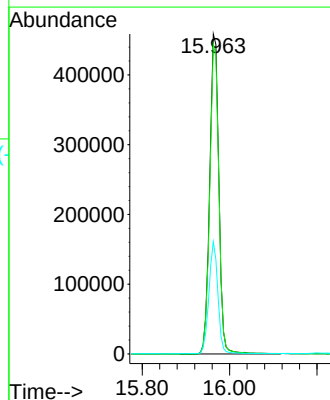
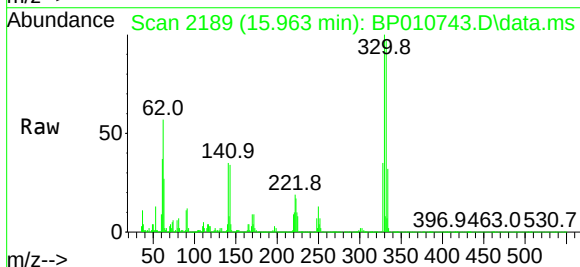
Tgt Ion:330 Resp: 668926

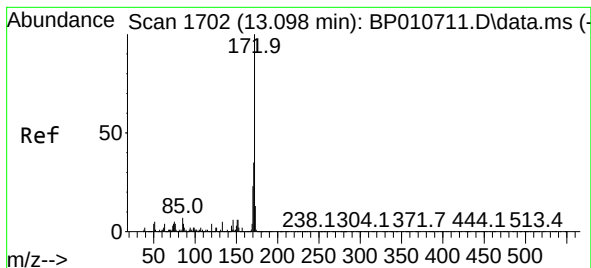
Ion Ratio Lower Upper

330 100

332 96.6 78.1 117.1

141 34.2 31.4 47.2

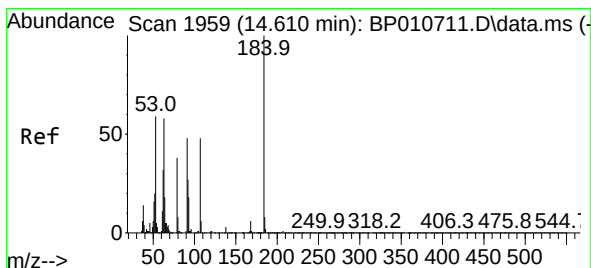
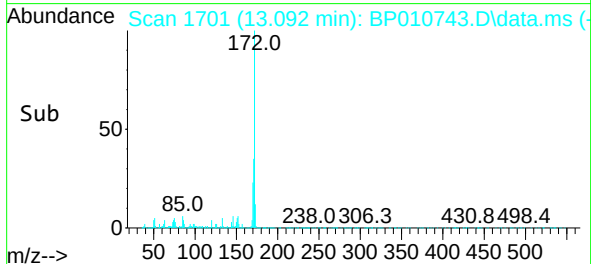
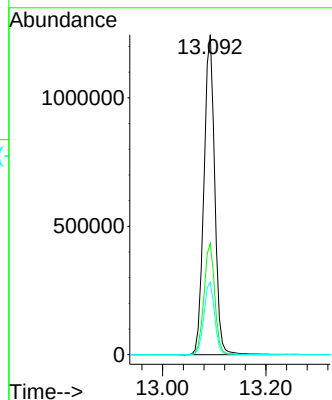
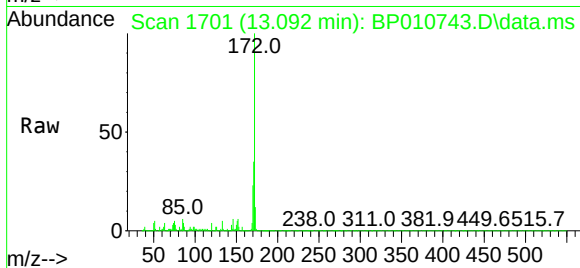




#45
2-Fluorobiphenyl
Concen: 103.473 ng
RT: 13.092 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BP010743.D
Acq: 15 Jun 2022 22:55

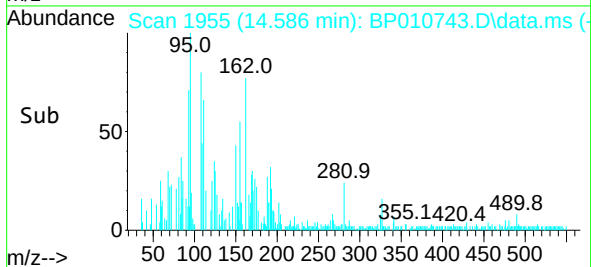
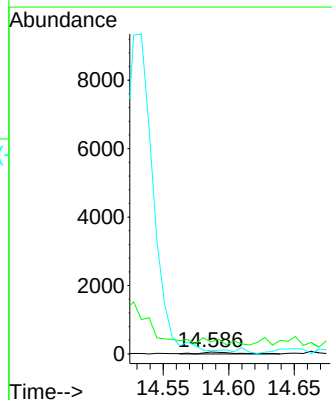
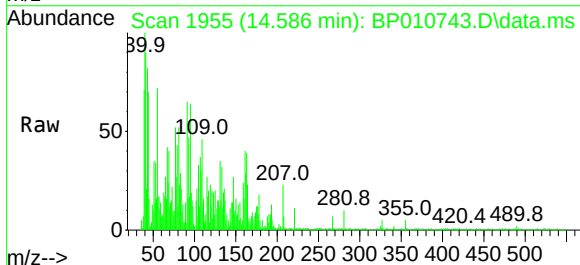
Instrument :
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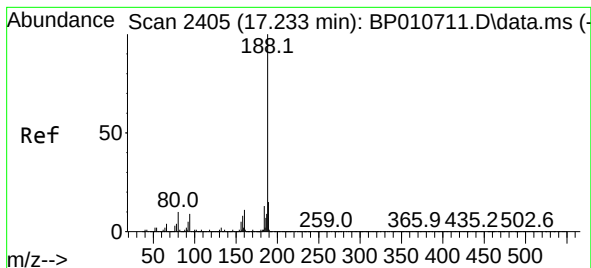
Tgt Ion:172 Resp: 1807476
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 22.6 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 5.348 ng
RT: 14.586 min Scan# 1955
Delta R.T. -0.012 min
Lab File: BP010743.D
Acq: 15 Jun 2022 22:55

Tgt Ion:184 Resp: 96
Ion Ratio Lower Upper
184 100
63 610.5 65.4 98.2#
154 168.4 55.4 83.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.221 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BP010743.D

Acq: 15 Jun 2022 22:55

Instrument :

BNA_P

ClientSampleId :

MW-58

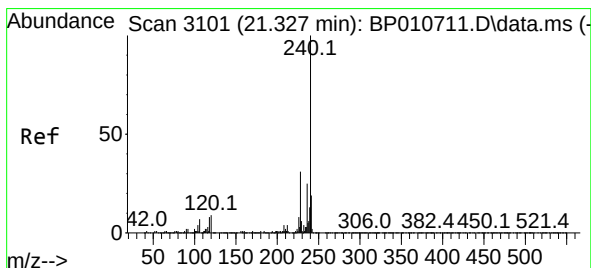
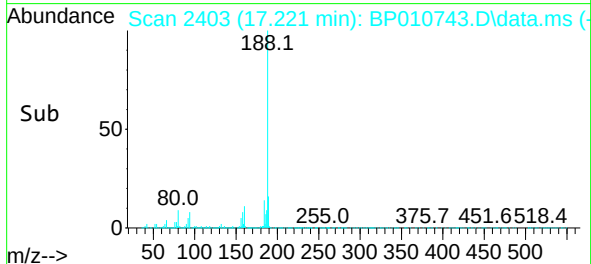
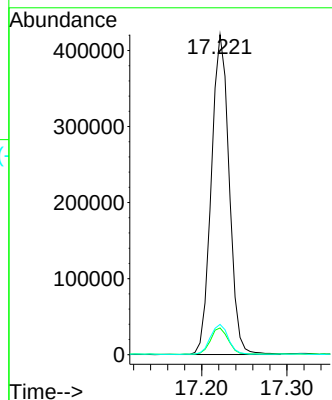
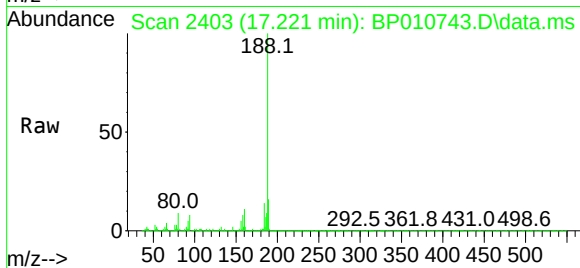
Tgt Ion:188 Resp: 612404

Ion Ratio Lower Upper

188 100

94 8.3 6.6 10.0

80 9.5 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.309 min Scan# 3098

Delta R.T. -0.006 min

Lab File: BP010743.D

Acq: 15 Jun 2022 22:55

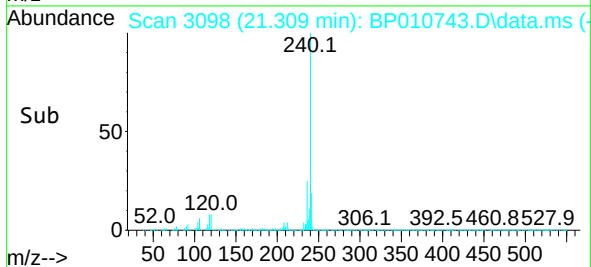
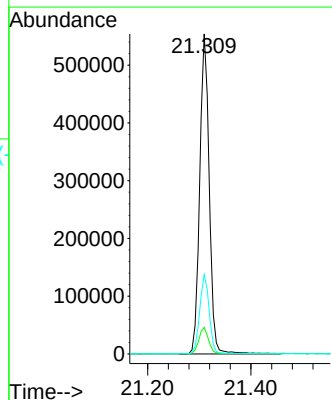
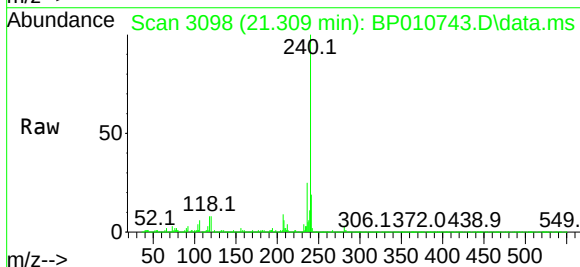
Tgt Ion:240 Resp: 706400

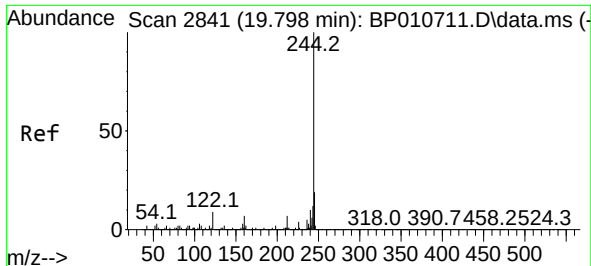
Ion Ratio Lower Upper

240 100

120 8.3 8.6 12.8#

236 24.8 19.8 29.6

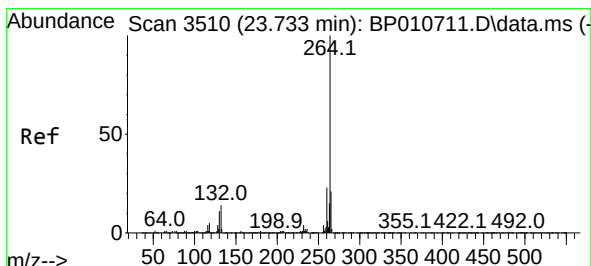
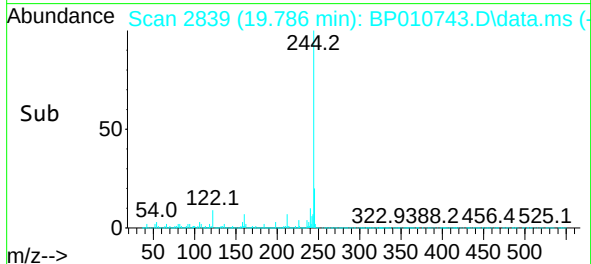
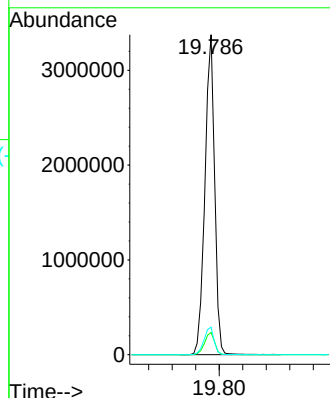
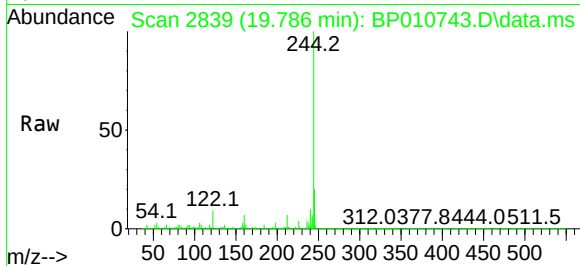




#79
 Terphenyl-d14
 Concen: 102.557 ng
 RT: 19.786 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP010743.D
 Acq: 15 Jun 2022 22:55

Instrument :
 BNA_P
 ClientSampleId :
 MW-58

Tgt Ion:244 Resp: 3874338
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 8.6 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.703 min Scan# 3505
 Delta R.T. -0.006 min
 Lab File: BP010743.D
 Acq: 15 Jun 2022 22:55

Tgt Ion:264 Resp: 713111
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.3 28.9
 265 21.5 18.0 27.0

