

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060222\
 Data File : BP010665.D
 Acq On : 02 Jun 2022 11:42
 Operator : CG/JU
 Sample : N3080-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-5

Quant Time: Jun 02 15:20:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

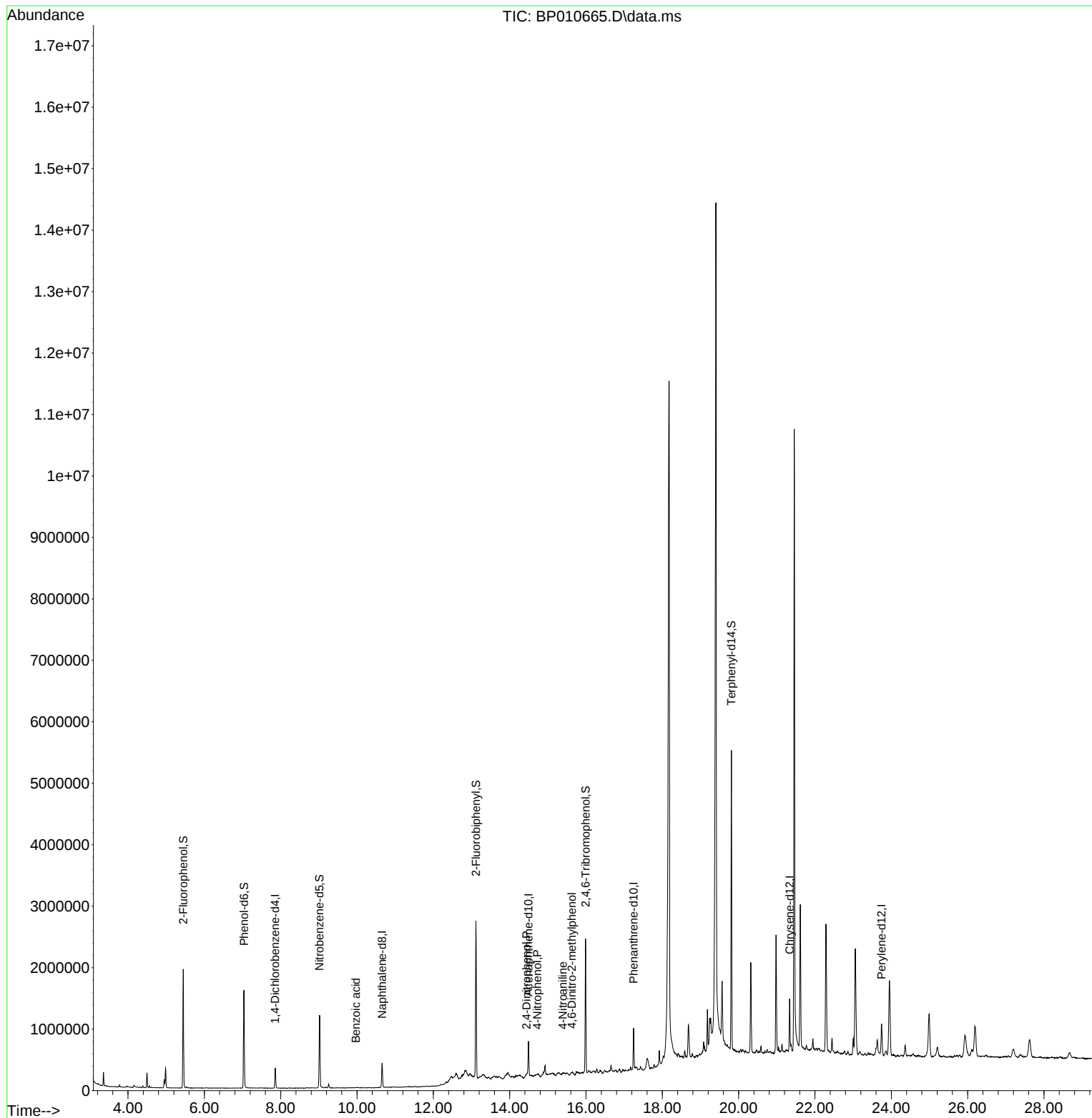
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	80410	20.000	ng	-0.01
21) Naphthalene-d8	10.657	136	310116	20.000	ng	-0.01
39) Acenaphthene-d10	14.492	164	182286	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	391453	20.000	ng	-0.01
76) Chrysene-d12	21.333	240	402558	20.000	ng	0.00
86) Perylene-d12	23.745	264	394745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	686818	155.822	ng	0.00
7) Phenol-d6	7.040	99	831519	132.885	ng	0.00
23) Nitrobenzene-d5	9.016	82	667354	101.741	ng	-0.01
42) 2,4,6-Tribromophenol	15.992	330	392689	190.312	ng	0.00
45) 2-Fluorobiphenyl	13.116	172	1208168	94.066	ng	-0.01
79) Terphenyl-d14	19.810	244	2182389	101.829	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.969	122	619	7.510	ng	# 32
54) 2,4-Dinitrophenol	14.439	184	258	6.783	ng	96
56) 4-Nitrophenol	14.722	139	315	3.728	ng	# 66
62) 4-Nitroaniline	15.392	138	401	2.265	ng	94
65) 4,6-Dinitro-2-methylph...	15.628	198	157	4.660	ng	# 1

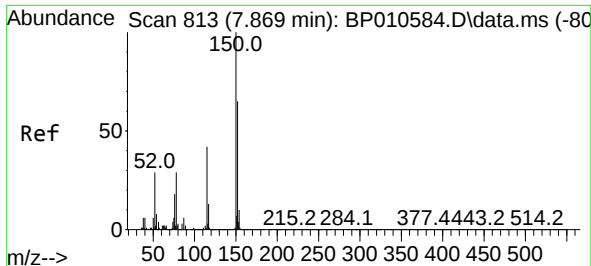
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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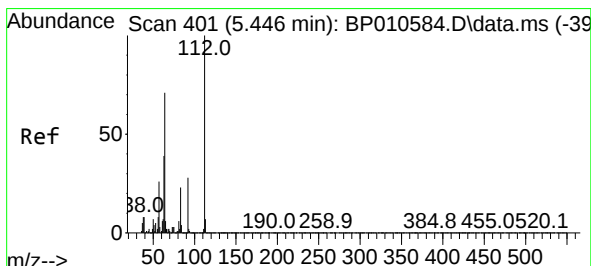
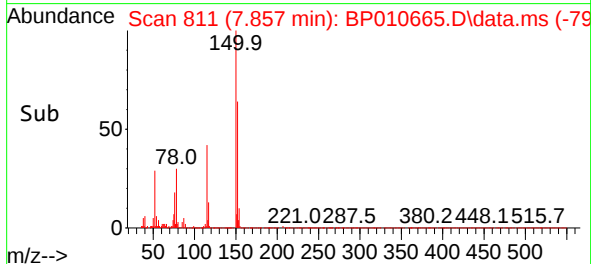
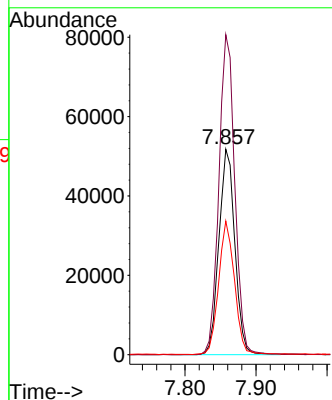
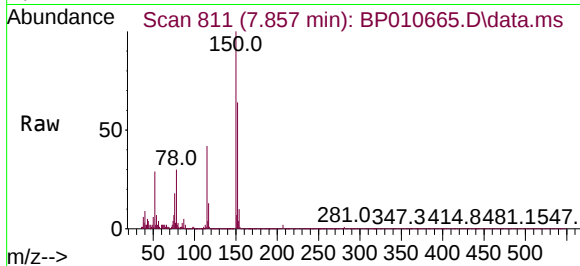




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BP010665.D
Acq: 02 Jun 2022 11:42

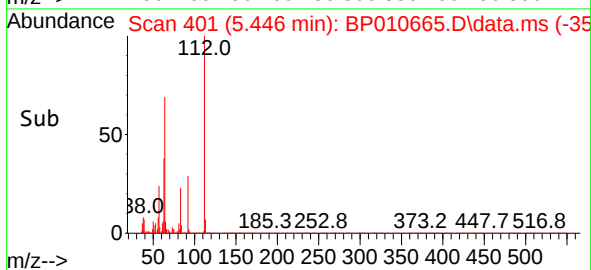
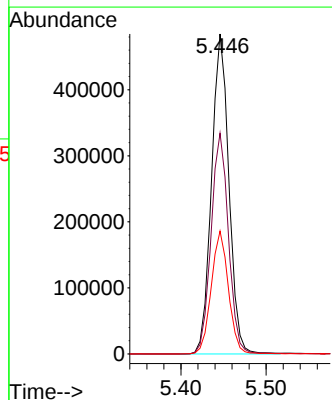
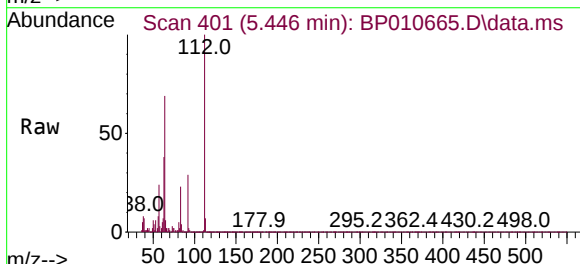
Instrument :
BNA_P
ClientSampleId :
WC-5

Tgt Ion:152 Resp: 80410
Ion Ratio Lower Upper
152 100
150 155.8 123.4 185.2
115 65.1 51.3 76.9



#5
2-Fluorophenol
Concen: 155.822 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010665.D
Acq: 02 Jun 2022 11:42

Tgt Ion:112 Resp: 686818
Ion Ratio Lower Upper
112 100
64 69.0 56.9 85.3
63 38.4 31.2 46.8

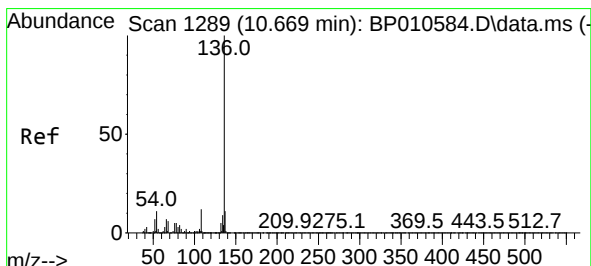
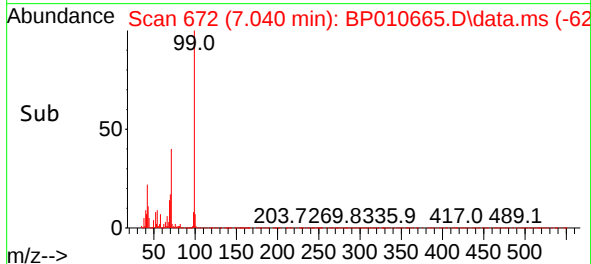
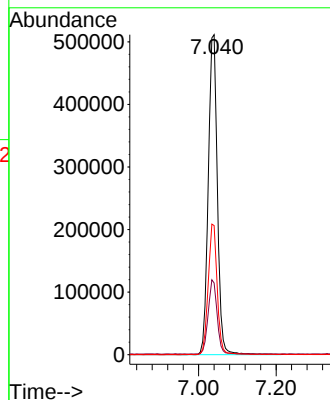
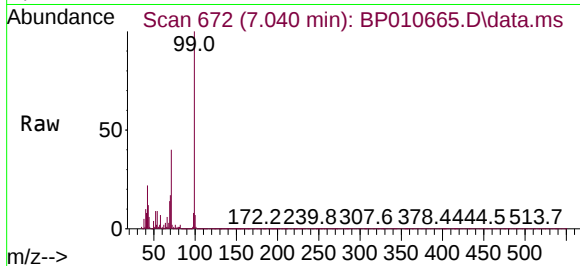




#7
Phenol-d6
Concen: 132.885 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010665.D
Acq: 02 Jun 2022 11:42

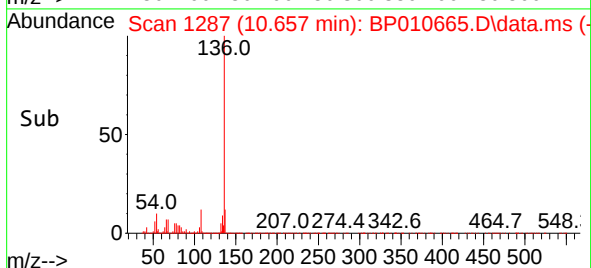
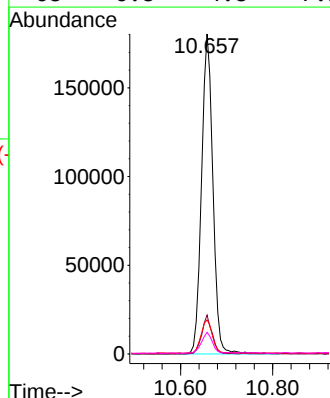
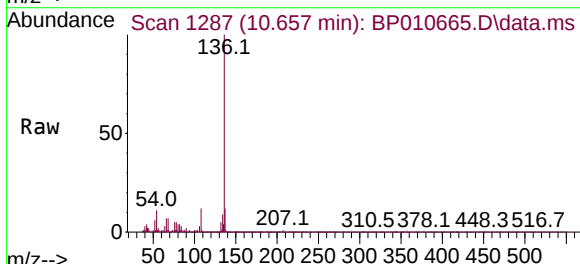
Instrument :
BNA_P
ClientSampleId :
WC-5

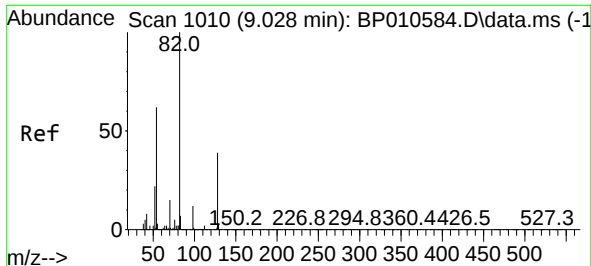
Tgt Ion:	99	Resp:	831519
Ion	Ratio	Lower	Upper
99	100		
42	22.4	20.3	30.5
71	40.4	33.9	50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BP010665.D
Acq: 02 Jun 2022 11:42

Tgt Ion:	136	Resp:	310116
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.4
54	10.6	8.7	13.1
68	6.8	4.8	7.2





#23

Nitrobenzene-d5

Concen: 101.741 ng

RT: 9.016 min Scan# 1008

Delta R.T. -0.012 min

Lab File: BP010665.D

Acq: 02 Jun 2022 11:42

Instrument :

BNA_P

ClientSampleId :

WC-5

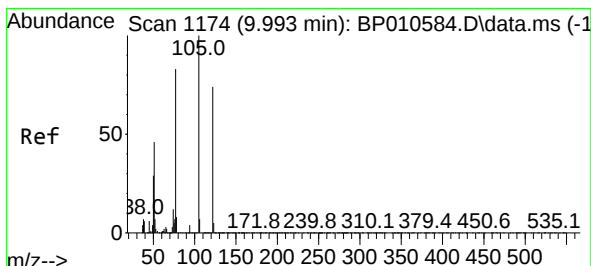
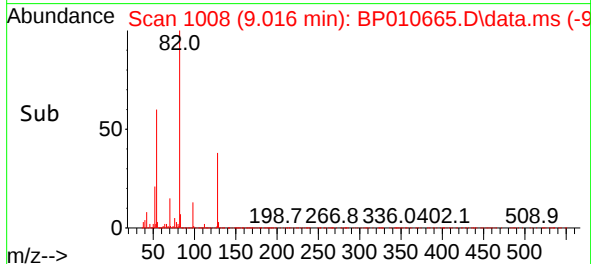
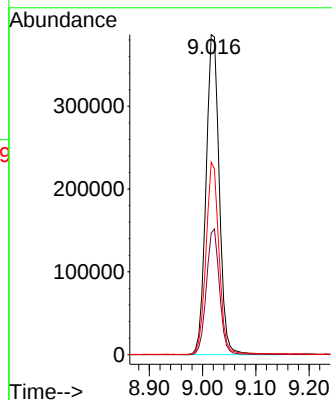
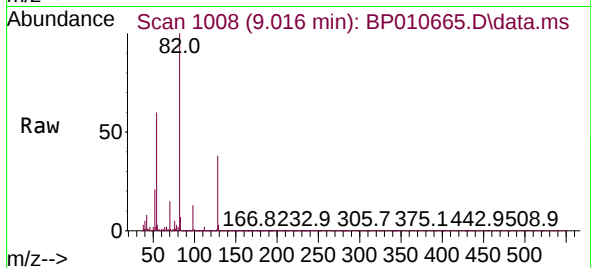
Tgt Ion: 82 Resp: 667354

Ion Ratio Lower Upper

82 100

128 38.0 31.3 46.9

54 60.1 49.8 74.8



#32

Benzoic acid

Concen: 7.510 ng

RT: 9.969 min Scan# 1170

Delta R.T. -0.024 min

Lab File: BP010665.D

Acq: 02 Jun 2022 11:42

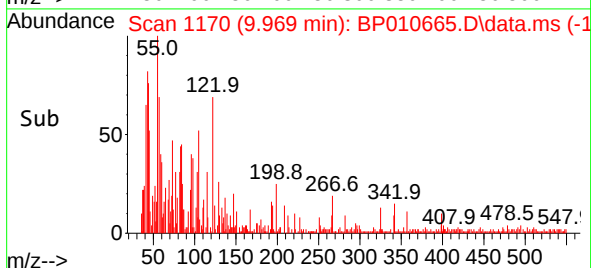
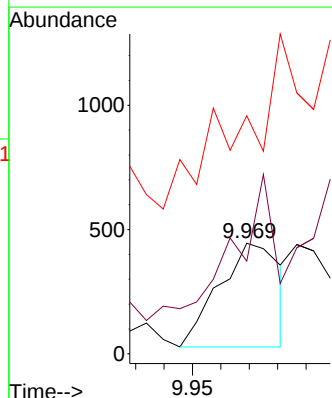
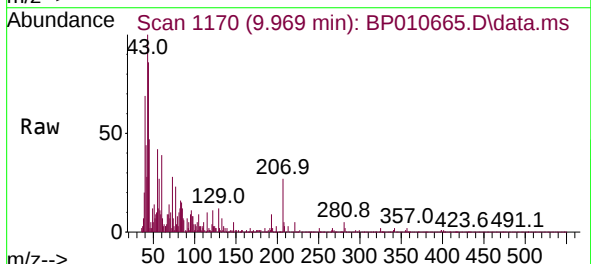
Tgt Ion:122 Resp: 619

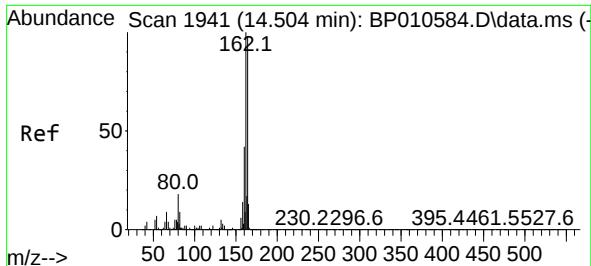
Ion Ratio Lower Upper

122 100

105 83.8 112.6 152.6#

77 215.3 90.2 130.2#

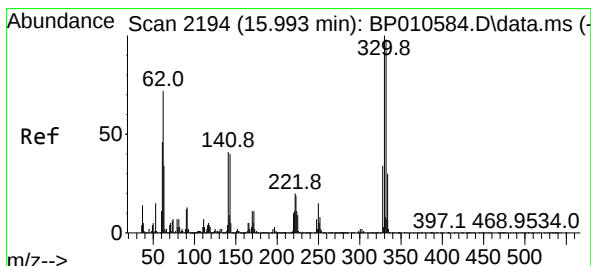
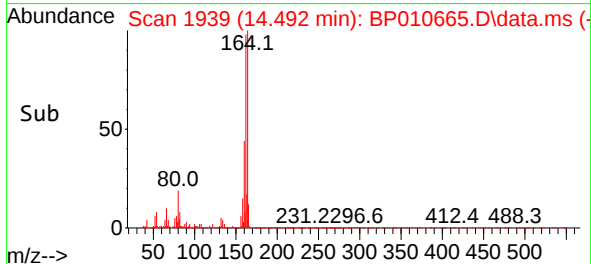
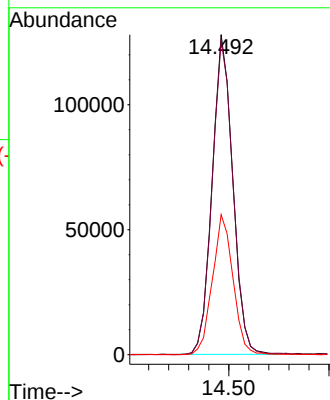
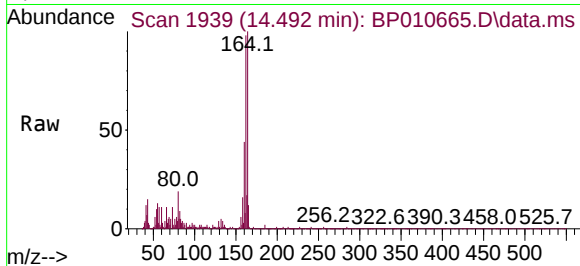




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BP010665.D
Acq: 02 Jun 2022 11:42

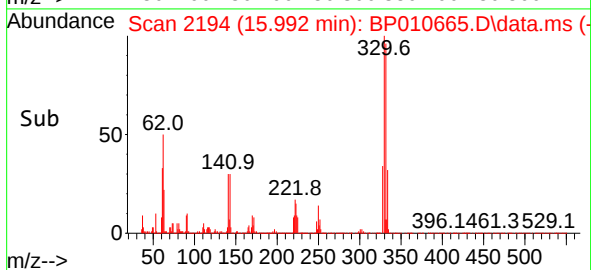
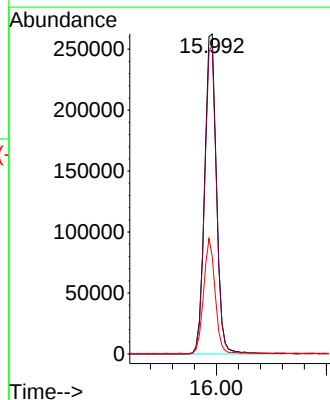
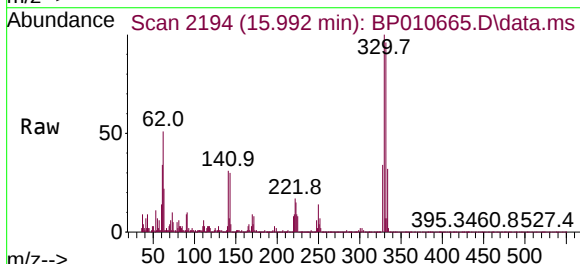
Instrument :
BNA_P
ClientSampleId :
WC-5

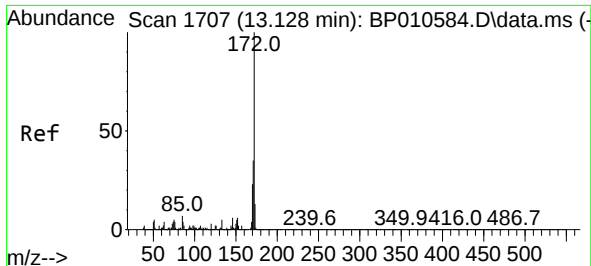
Tgt Ion:164 Resp: 182286
Ion Ratio Lower Upper
164 100
162 98.3 81.9 122.9
160 43.8 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 190.312 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010665.D
Acq: 02 Jun 2022 11:42

Tgt Ion:330 Resp: 392689
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 34.7 31.4 47.2

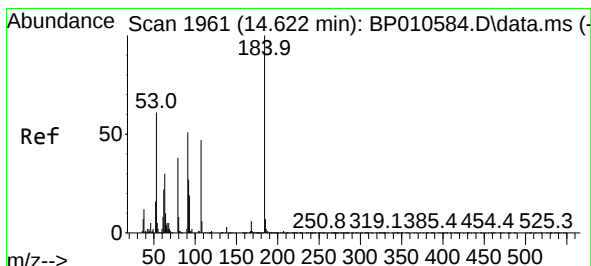
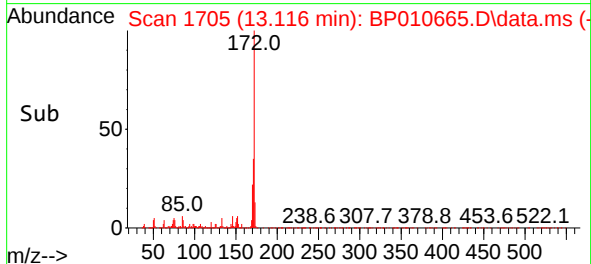
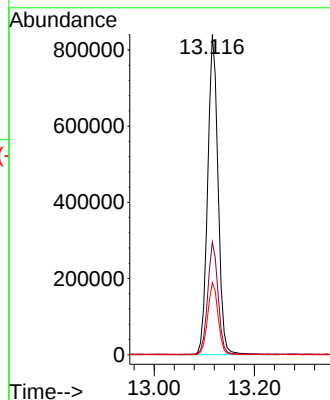
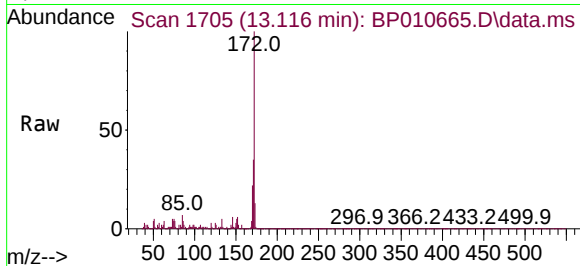




#45
2-Fluorobiphenyl
Concen: 94.066 ng
RT: 13.116 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP010665.D
Acq: 02 Jun 2022 11:42

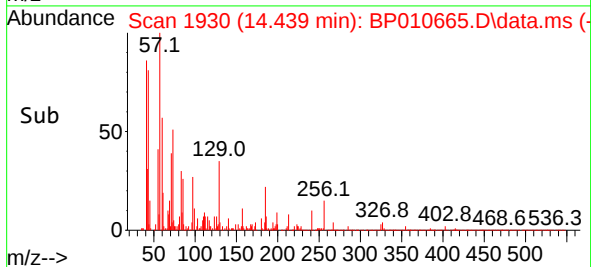
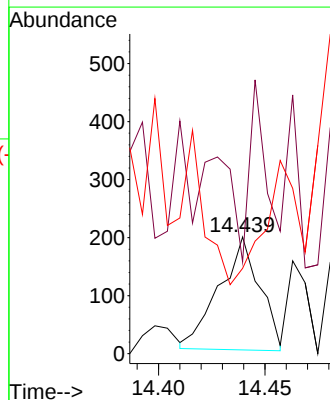
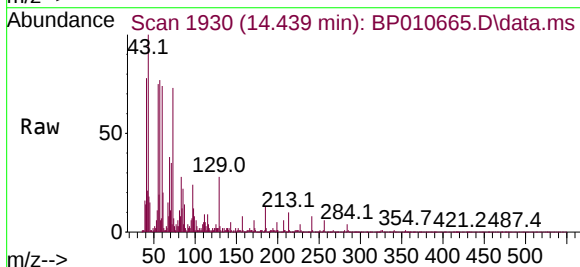
Instrument :
BNA_P
ClientSampleId :
WC-5

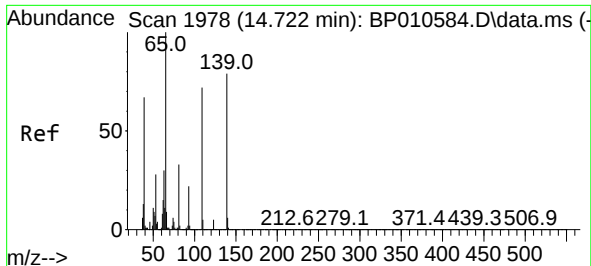
Tgt Ion:172 Resp: 1208168
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 22.5 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.783 ng
RT: 14.439 min Scan# 1930
Delta R.T. -0.183 min
Lab File: BP010665.D
Acq: 02 Jun 2022 11:42

Tgt Ion:184 Resp: 258
Ion Ratio Lower Upper
184 100
63 78.6 65.4 98.2
154 73.1 55.4 83.2

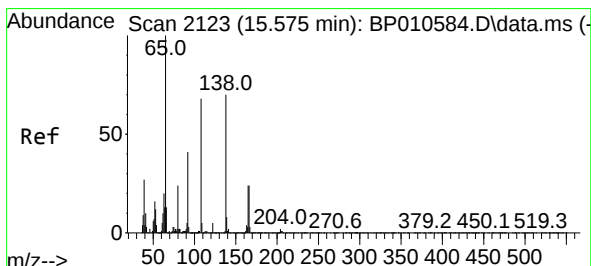
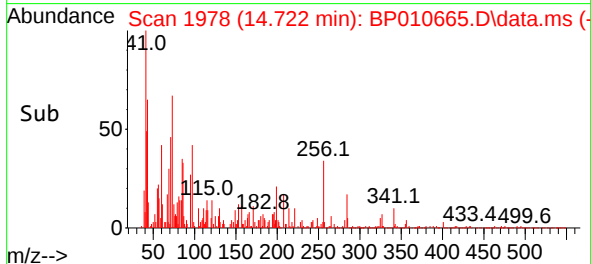
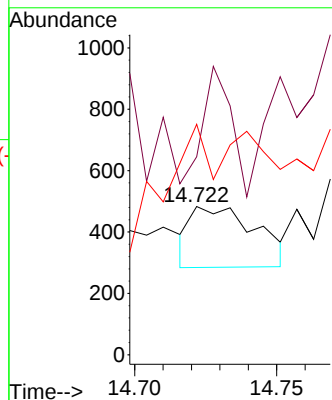
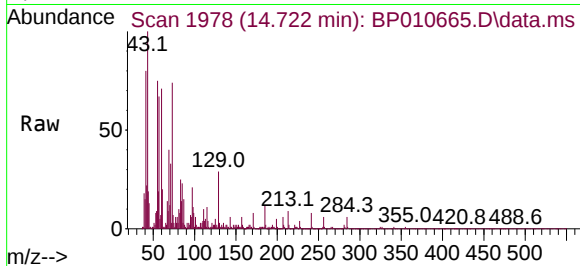




#56
4-Nitrophenol
Concen: 3.728 ng
RT: 14.722 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP010665.D
Acq: 02 Jun 2022 11:42

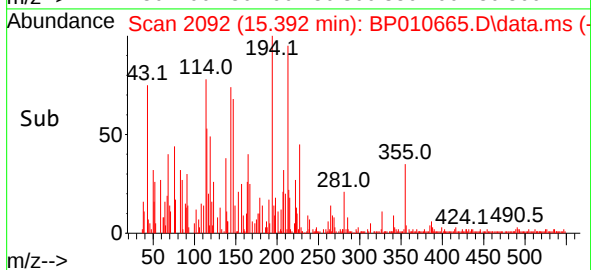
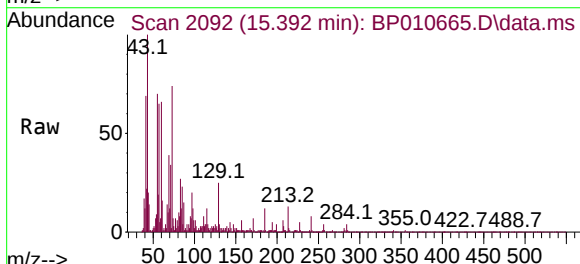
Instrument :
BNA_P
ClientSampleId :
WC-5

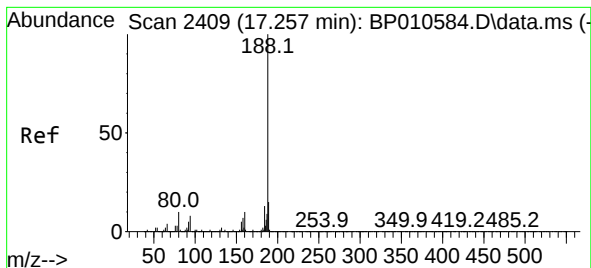
Tgt Ion:139 Resp: 315
Ion Ratio Lower Upper
139 100
109 133.5 70.6 110.6#
65 155.5 106.6 146.6#



#62
4-Nitroaniline
Concen: 2.265 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.183 min
Lab File: BP010665.D
Acq: 02 Jun 2022 11:42

Tgt Ion:138 Resp: 401
Ion Ratio Lower Upper
138 100
92 50.0 38.0 78.0
108 93.7 77.6 117.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2409

Delta R.T. -0.012 min

Lab File: BP010665.D

Acq: 02 Jun 2022 11:42

Instrument :

BNA_P

ClientSampleId :

WC-5

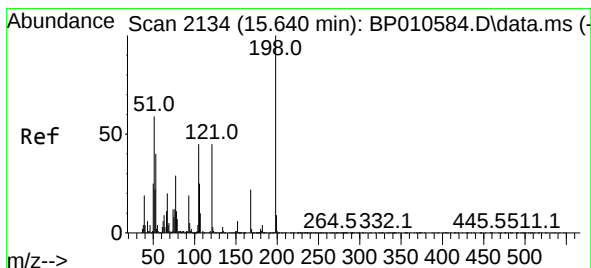
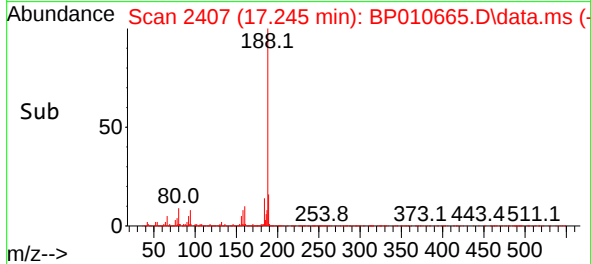
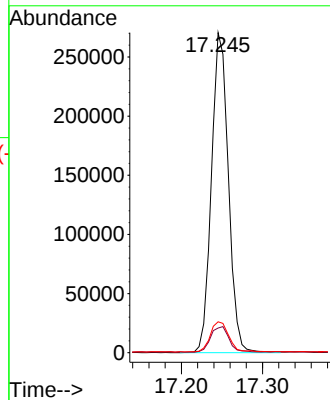
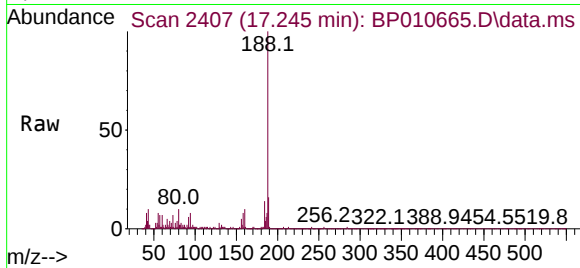
Tgt Ion:188 Resp: 391453

Ion Ratio Lower Upper

188 100

94 7.7 6.6 10.0

80 9.6 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.660 ng

RT: 15.628 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BP010665.D

Acq: 02 Jun 2022 11:42

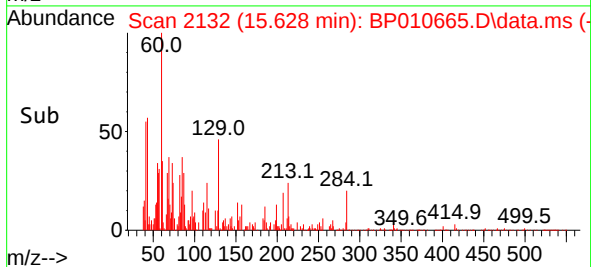
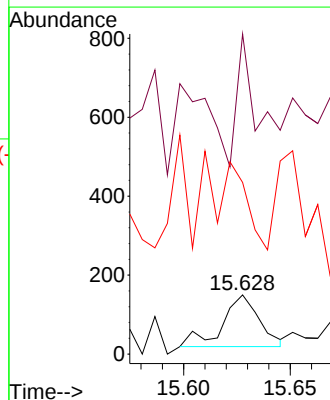
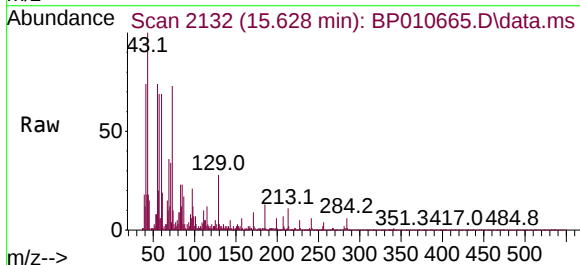
Tgt Ion:198 Resp: 157

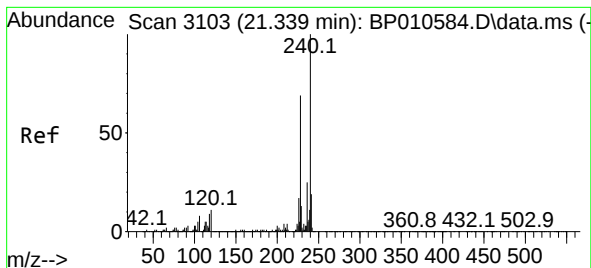
Ion Ratio Lower Upper

198 100

51 540.7 41.2 81.2#

105 290.0 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP010665.D

Acq: 02 Jun 2022 11:42

Instrument :

BNA_P

ClientSampleId :

WC-5

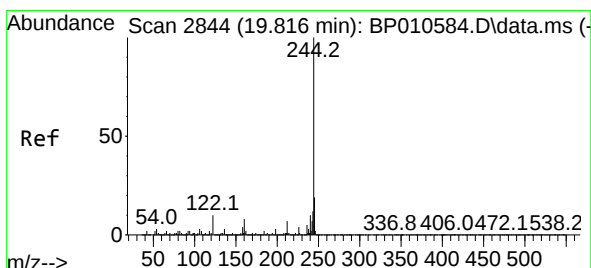
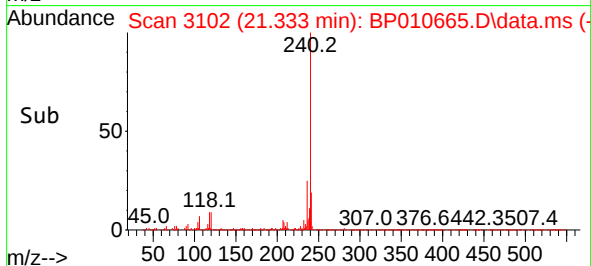
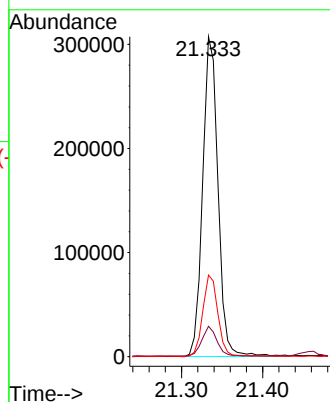
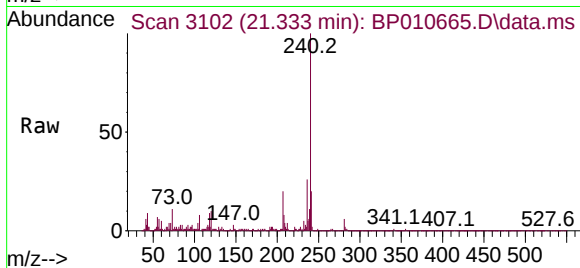
Tgt Ion:240 Resp: 402558

Ion Ratio Lower Upper

240 100

120 9.5 8.6 12.8

236 25.5 19.8 29.6



#79

Terphenyl-d14

Concen: 101.829 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010665.D

Acq: 02 Jun 2022 11:42

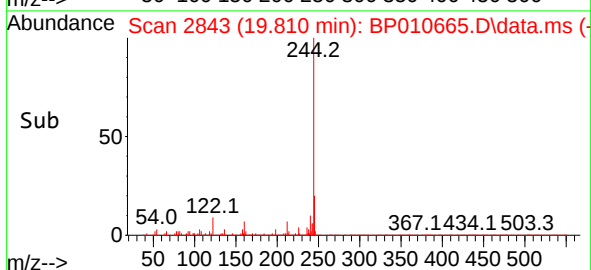
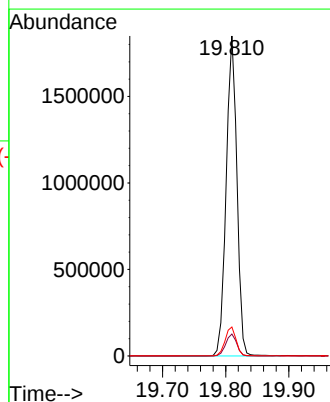
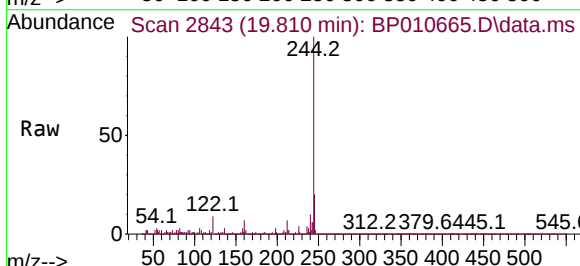
Tgt Ion:244 Resp: 2182389

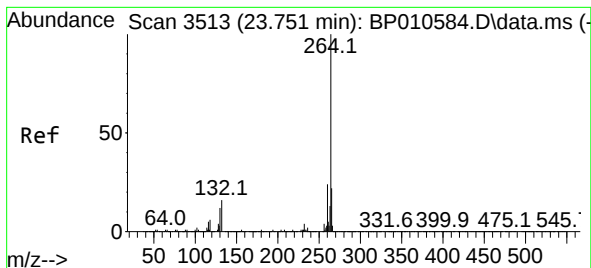
Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 9.0 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP010665.D

Acq: 02 Jun 2022 11:42

Instrument :

BNA_P

ClientSampleId :

WC-5

Tgt Ion:264 Resp: 394745

Ion Ratio Lower Upper

264 100

260 22.6 19.3 28.9

265 22.9 18.0 27.0

