

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091922\
 Data File : BP011740.D
 Acq On : 19 Sep 2022 18:04
 Operator : CG/JU
 Sample : N4653-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CAR-1948

Quant Time: Sep 20 04:46:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 04:42:52 2022
 Response via : Initial Calibration

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

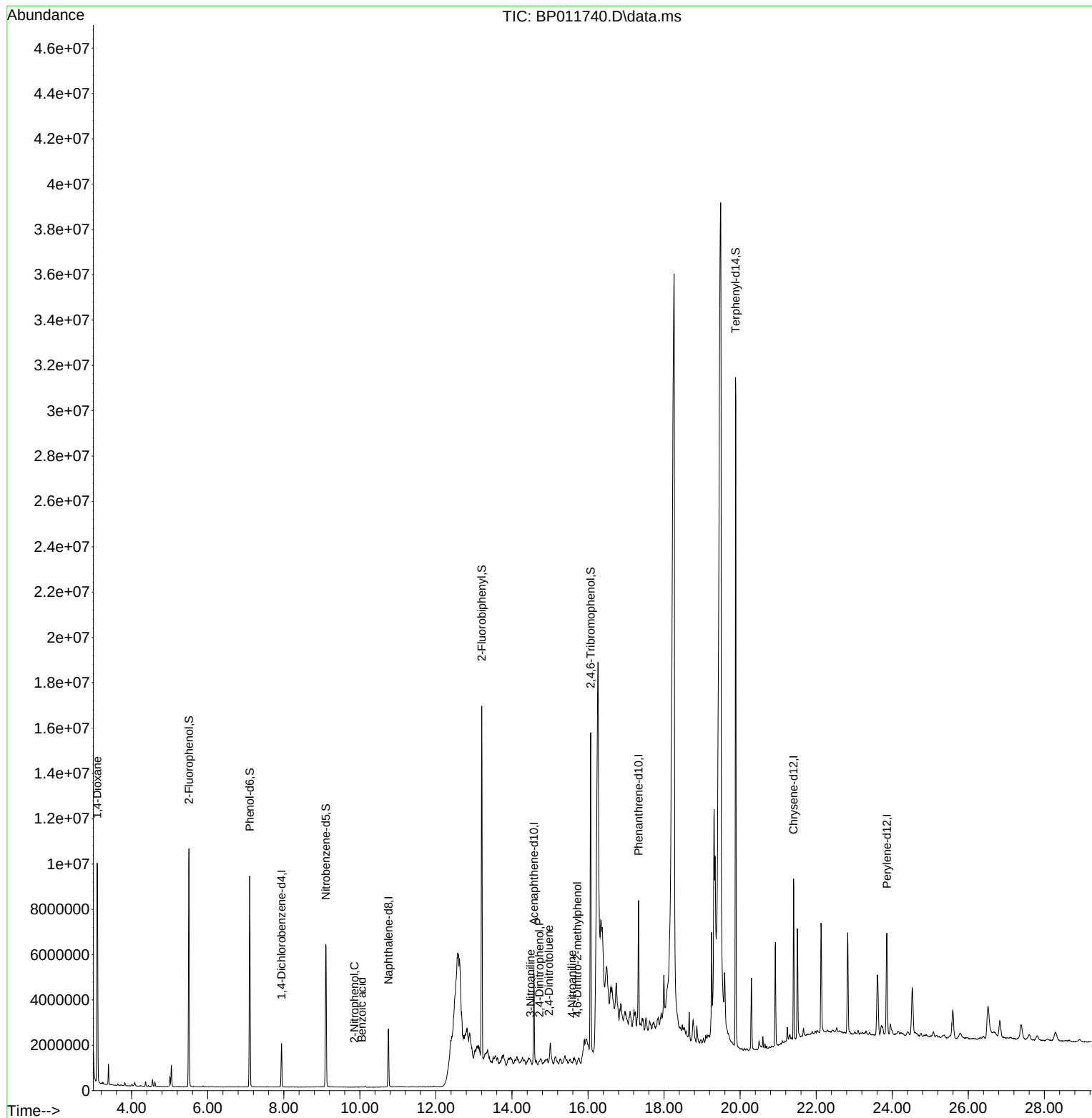
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	531994	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	2199958	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1412589	20.000	ng	0.00
64) Phenanthrene-d10	17.328	188	3153802	20.000	ng	0.00
76) Chrysene-d12	21.404	240	3397348	20.000	ng	0.00
86) Perylene-d12	23.857	264	3432118	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	4735386	162.020	ng	0.01
7) Phenol-d6	7.105	99	5681604	145.832	ng	0.01
23) Nitrobenzene-d5	9.105	82	3709286	99.996	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	2838752	257.201	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	8183030	90.048	ng	0.00
79) Terphenyl-d14	19.880	244	13391226	85.715	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.093	88	63904	4.965	ng	# 1
26) 2-Nitrophenol	9.857	139	166	3.575	ng	# 1
32) Benzoic acid	10.052	122	5712	6.849	ng	# 37
53) 3-Nitroaniline	14.493	138	703	2.412	ng	# 31
54) 2,4-Dinitrophenol	14.722	184	157	6.593	ng	# 1
57) 2,4-Dinitrotoluene	14.975	165	1029	3.021	ng	# 74
62) 4-Nitroaniline	15.581	138	636	2.751	ng	84
65) 4,6-Dinitro-2-methylph...	15.716	198	216	5.864	ng	# 1

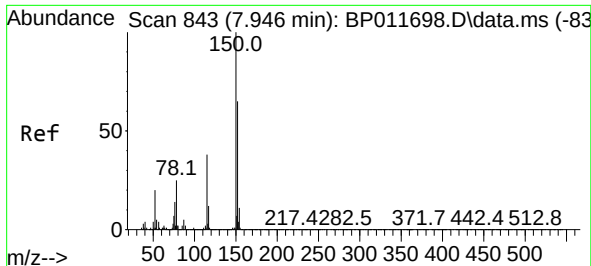
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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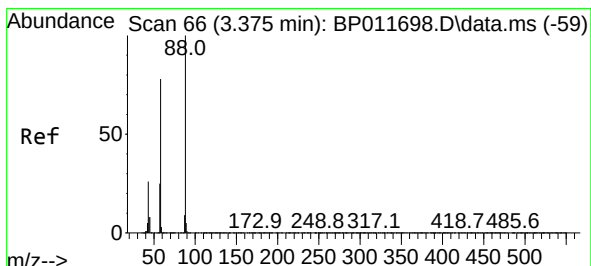
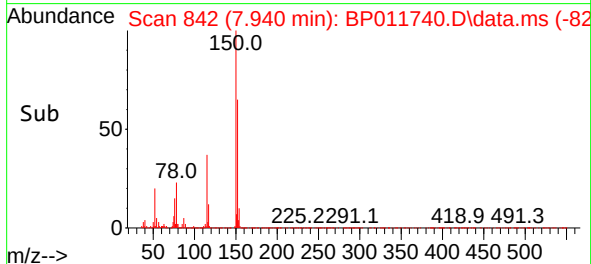
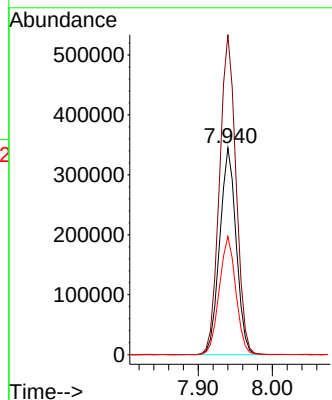
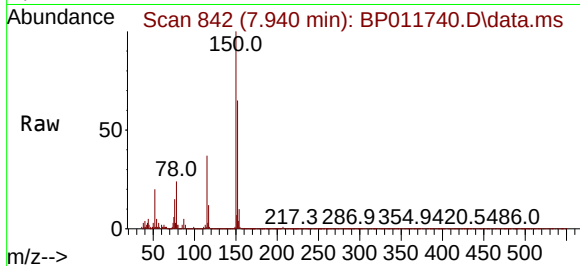




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.940 min Scan# 84
 Delta R.T. 0.006 min
 Lab File: BP011740.D
 Acq: 19 Sep 2022 18:04

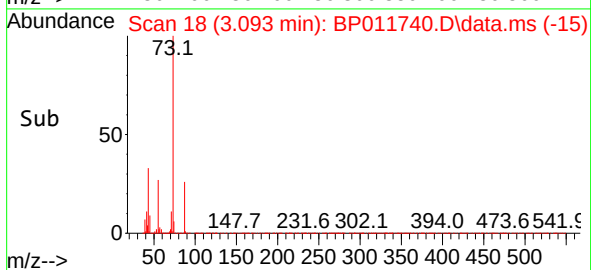
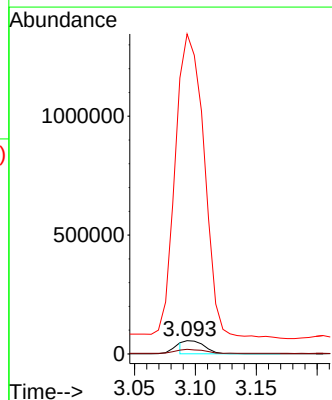
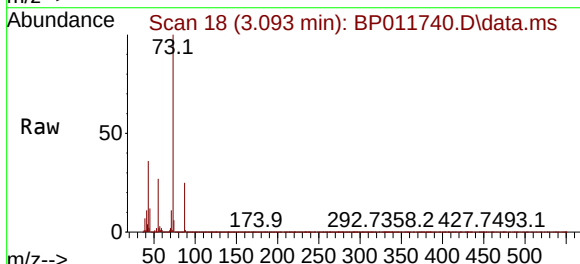
Instrument :
 BNA_P
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 CAR-1948

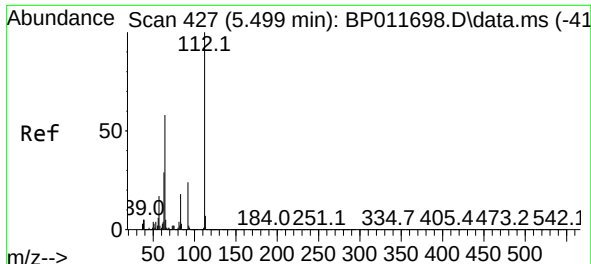
Tgt Ion:152 Resp: 531994
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.4 185.2
 115 57.2 51.3 76.9



#2
 1,4-Dioxane
 Concen: 4.965 ng
 RT: 3.093 min Scan# 18
 Delta R.T. -0.282 min
 Lab File: BP011740.D
 Acq: 19 Sep 2022 18:04

Tgt Ion: 88 Resp: 63904
 Ion Ratio Lower Upper
 88 100
 58 30.0 74.5 111.7#
 43 2321.2 31.5 47.3#

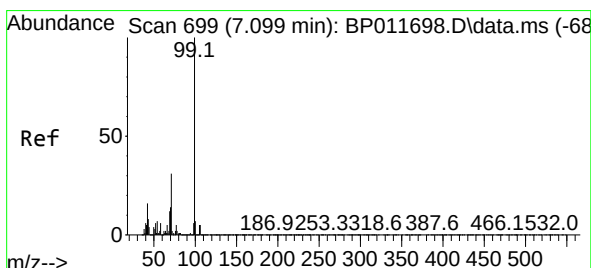
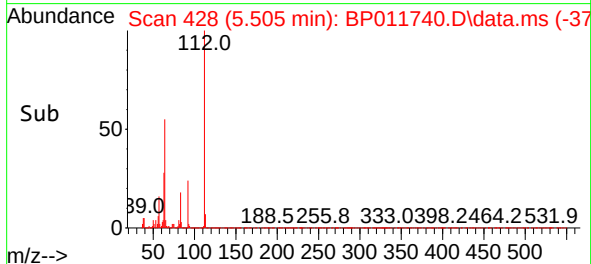
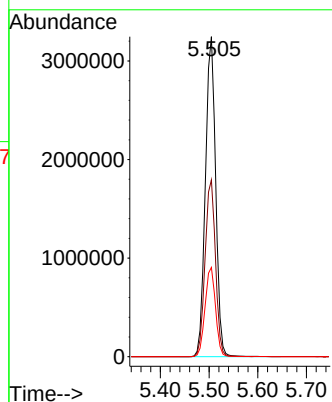
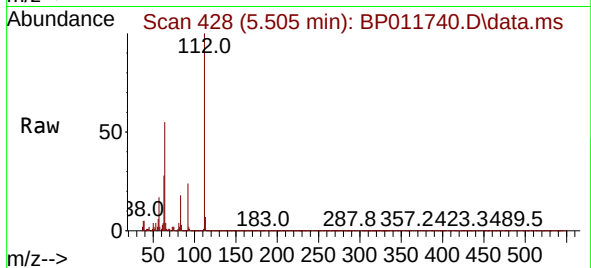




#5
2-Fluorophenol
Concen: 162.020 ng
RT: 5.505 min Scan# 41
Delta R.T. 0.012 min
Lab File: BP011740.D
Acq: 19 Sep 2022 18:04

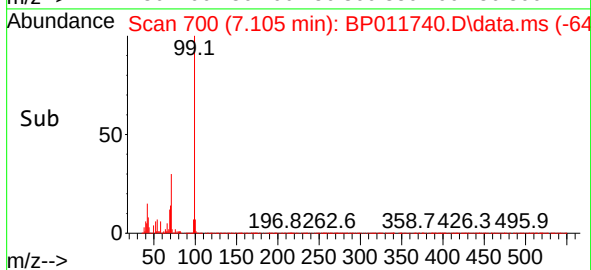
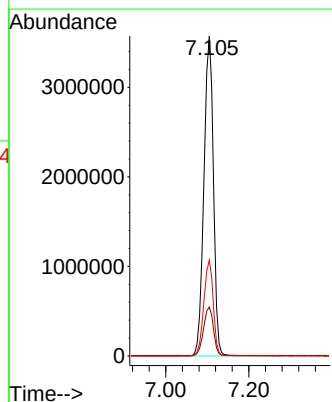
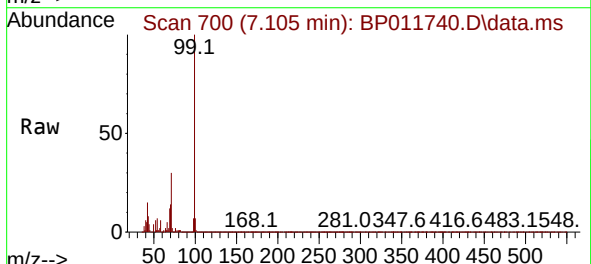
Instrument :
BNA_P
ClientSampleId :
CAR-1948

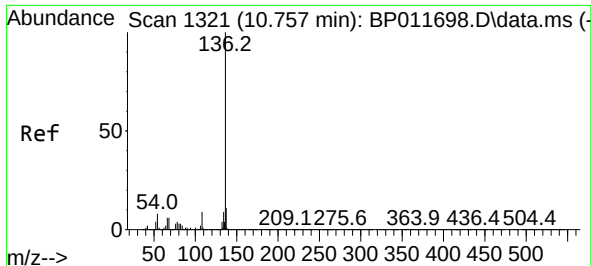
Tgt Ion:112 Resp: 4735386
Ion Ratio Lower Upper
112 100
64 55.3 56.9 85.3#
63 27.9 31.2 46.8#



#7
Phenol-d6
Concen: 145.832 ng
RT: 7.105 min Scan# 700
Delta R.T. 0.012 min
Lab File: BP011740.D
Acq: 19 Sep 2022 18:04

Tgt Ion: 99 Resp: 5681604
Ion Ratio Lower Upper
99 100
42 15.3 20.3 30.5#
71 29.9 33.9 50.9#



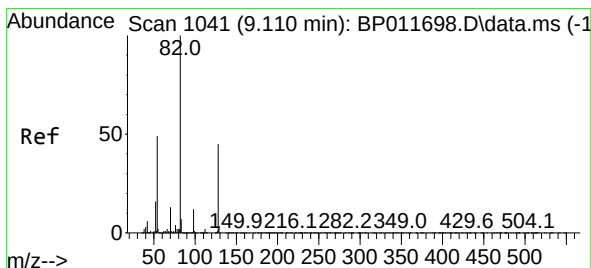
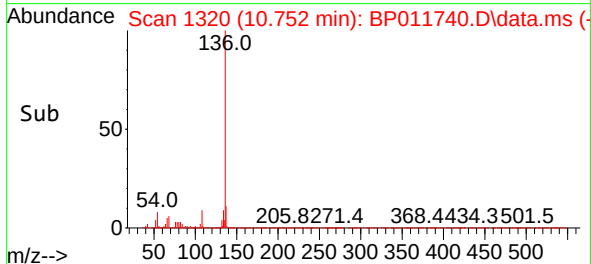
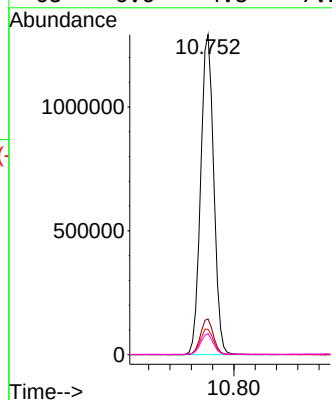
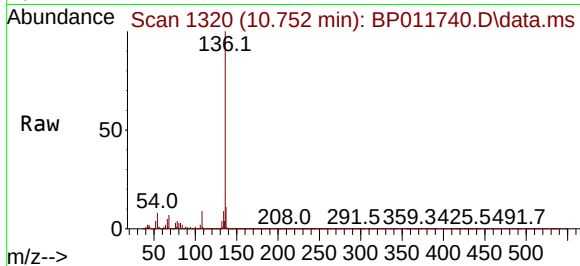


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP011740.D
Acq: 19 Sep 2022 18:04

Instrument :
BNA_P
ClientSampleId :
CAR-1948

Tgt Ion:136 Resp: 2199958

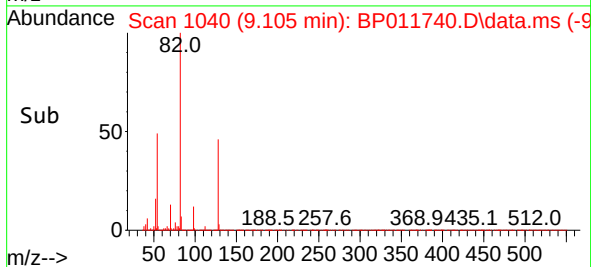
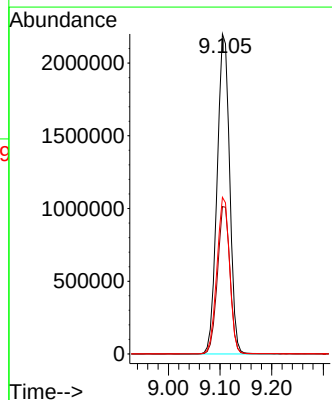
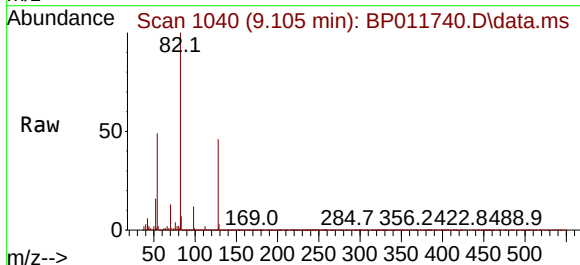
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.9	8.7	13.1#
68	6.6	4.8	7.2

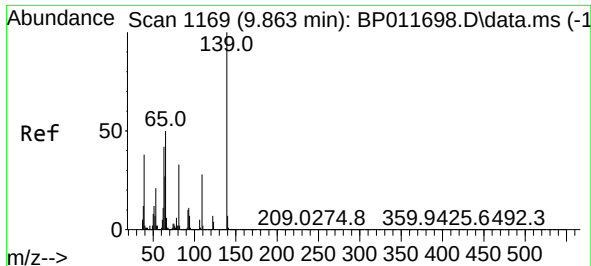


#23
Nitrobenzene-d5
Concen: 99.996 ng
RT: 9.105 min Scan# 1040
Delta R.T. 0.006 min
Lab File: BP011740.D
Acq: 19 Sep 2022 18:04

Tgt Ion: 82 Resp: 3709286

Ion	Ratio	Lower	Upper
82	100		
128	46.1	31.3	46.9
54	49.0	49.8	74.8#

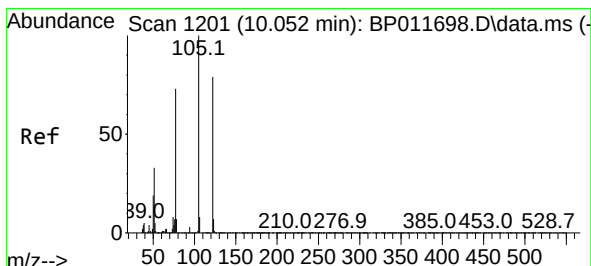
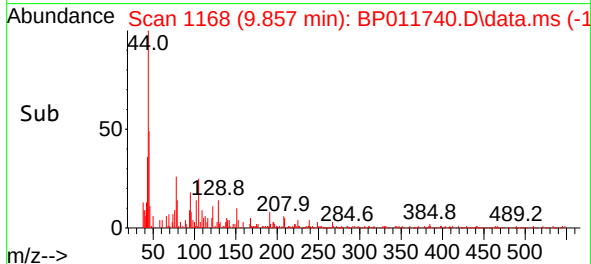
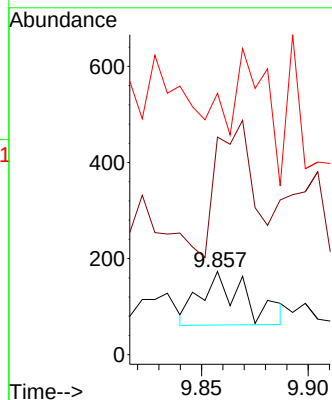
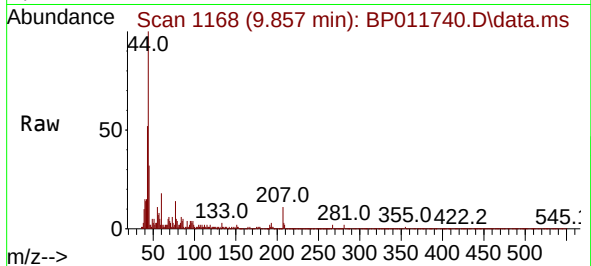




#26
2-Nitrophenol
Concen: 3.575 ng
RT: 9.857 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BP011740.D
Acq: 19 Sep 2022 18:04

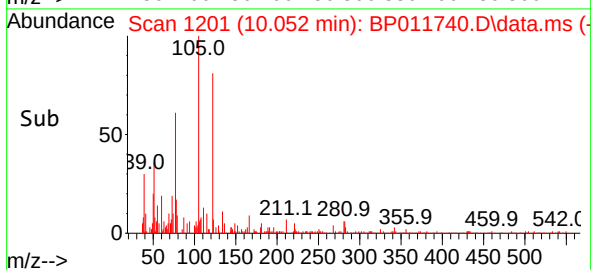
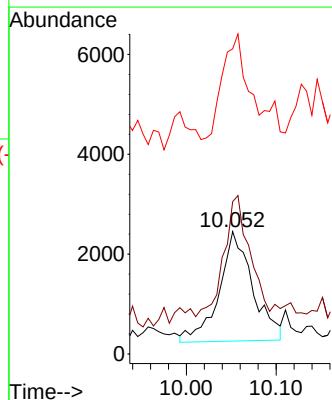
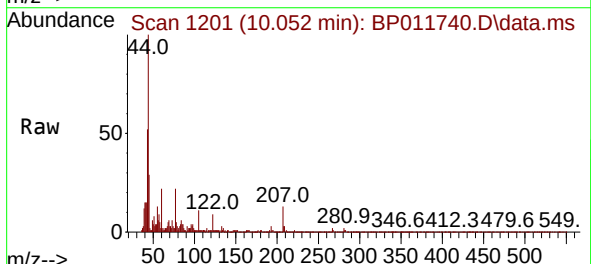
Instrument :
BNA_P
ClientSampleId :
CAR-1948

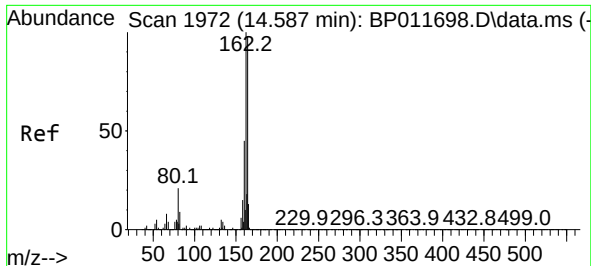
Tgt Ion:139 Resp: 166
Ion Ratio Lower Upper
139 100
109 261.8 30.2 45.4#
65 314.5 52.2 78.2#



#32
Benzoic acid
Concen: 6.849 ng
RT: 10.052 min Scan# 1201
Delta R.T. 0.018 min
Lab File: BP011740.D
Acq: 19 Sep 2022 18:04

Tgt Ion:122 Resp: 5712
Ion Ratio Lower Upper
122 100
105 124.4 112.6 152.6
77 249.2 90.2 130.2#

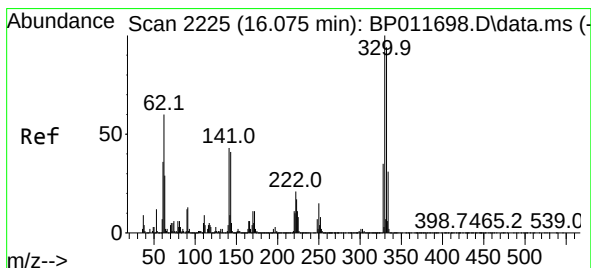
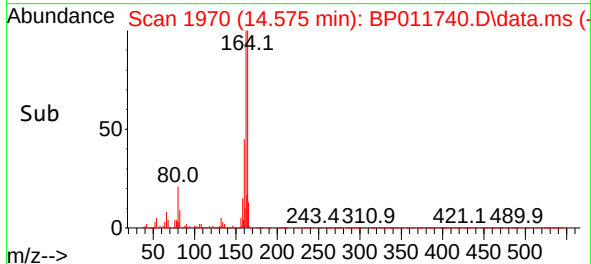
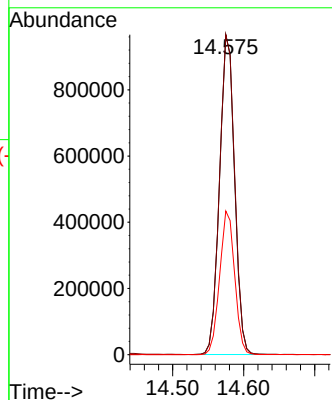
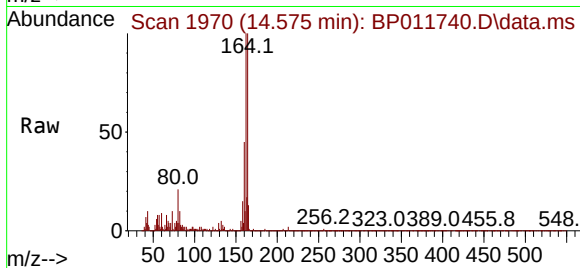




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP011740.D
Acq: 19 Sep 2022 18:04

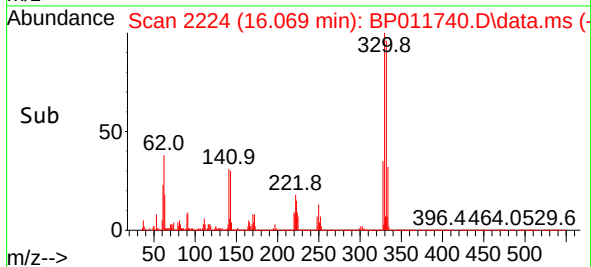
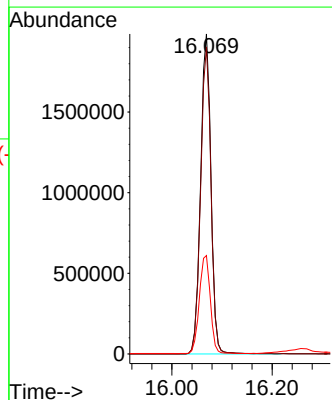
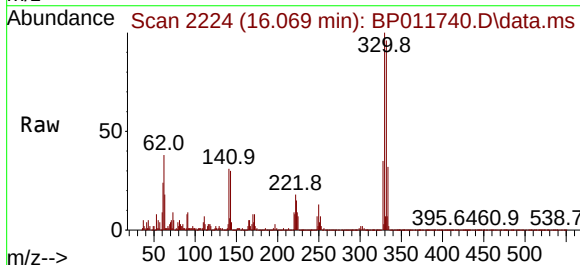
Instrument :
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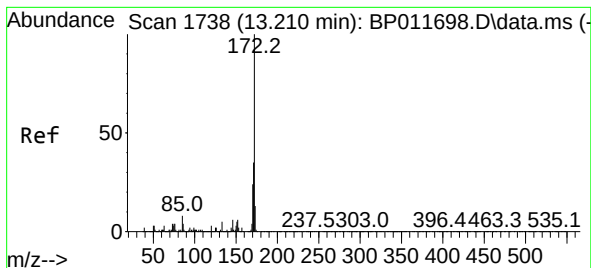
Tgt Ion:164 Resp: 1412589
Ion Ratio Lower Upper
164 100
162 100.0 81.9 122.9
160 44.9 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 257.201 ng
RT: 16.069 min Scan# 2224
Delta R.T. 0.006 min
Lab File: BP011740.D
Acq: 19 Sep 2022 18:04

Tgt Ion:330 Resp: 2838752
Ion Ratio Lower Upper
330 100
332 95.8 78.1 117.1
141 32.4 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 90.048 ng

RT: 13.204 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP011740.D

Acq: 19 Sep 2022 18:04

Instrument :

BNA_P

ClientSampleId :

CAR-1948

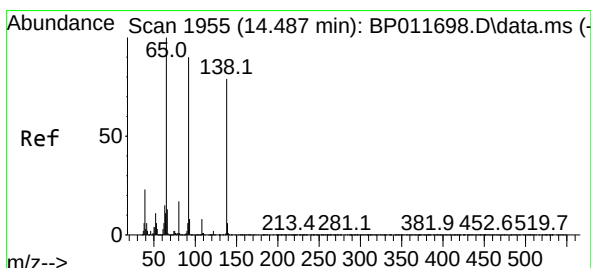
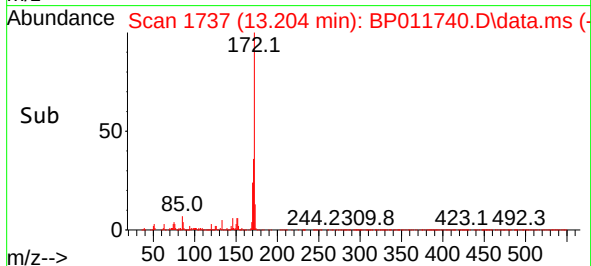
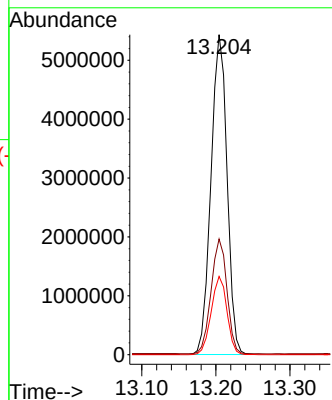
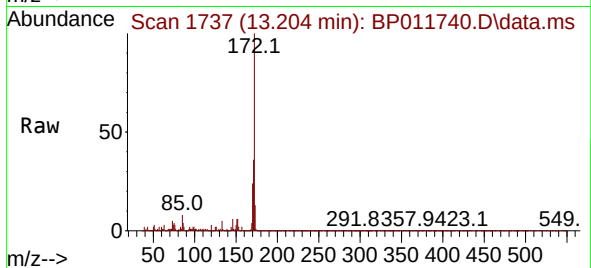
Tgt Ion:172 Resp: 8183030

Ion Ratio Lower Upper

172 100

171 36.2 27.9 41.9

170 24.4 18.2 27.2



#53

3-Nitroaniline

Concen: 2.412 ng

RT: 14.493 min Scan# 1956

Delta R.T. 0.012 min

Lab File: BP011740.D

Acq: 19 Sep 2022 18:04

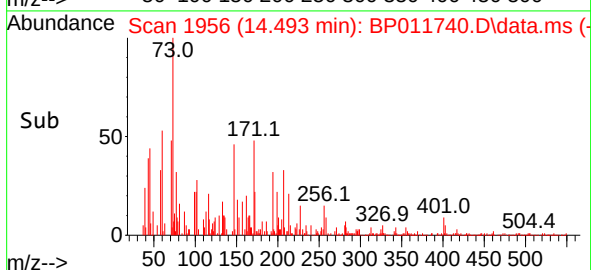
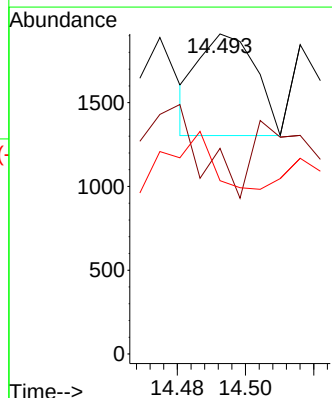
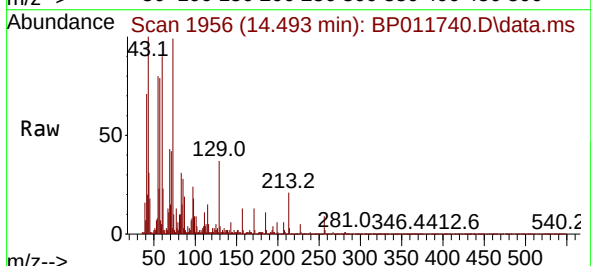
Tgt Ion:138 Resp: 703

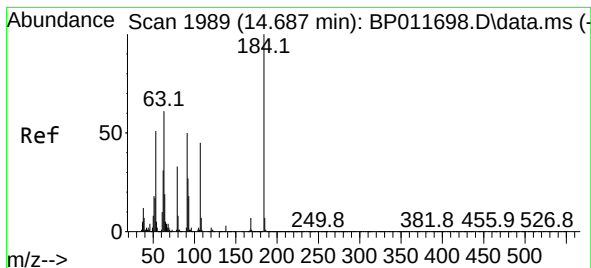
Ion Ratio Lower Upper

138 100

108 64.2 9.5 14.3#

92 54.1 99.9 149.9#





#54

2,4-Dinitrophenol

Concen: 6.593 ng

RT: 14.722 min Scan# 1989

Delta R.T. 0.041 min

Lab File: BP011740.D

Acq: 19 Sep 2022 18:04

Instrument :

BNA_P

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CAR-1948

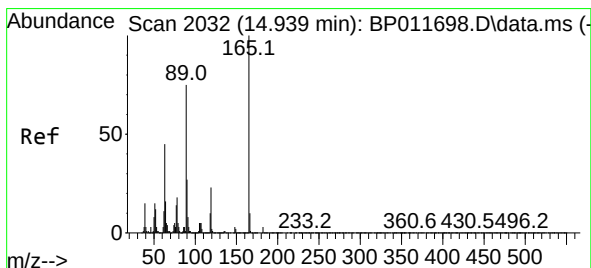
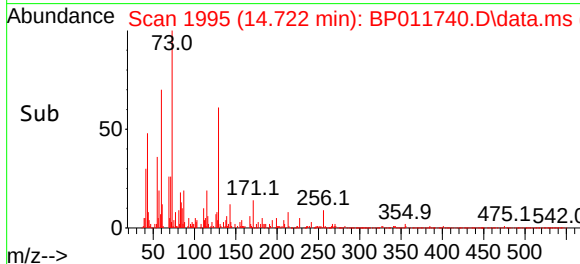
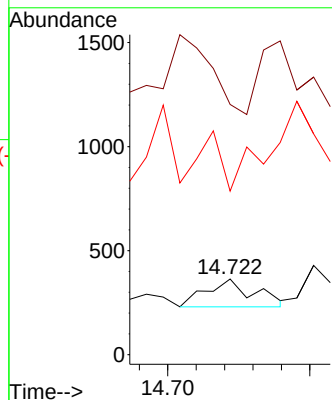
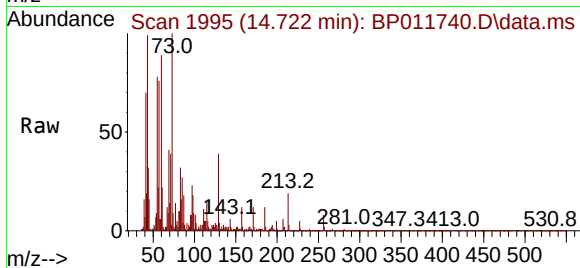
Tgt Ion:184 Resp: 157

Ion Ratio Lower Upper

184 100

63 330.5 65.4 98.2#

154 215.9 55.4 83.2#



#57

2,4-Dinitrotoluene

Concen: 3.021 ng

RT: 14.975 min Scan# 2038

Delta R.T. 0.041 min

Lab File: BP011740.D

Acq: 19 Sep 2022 18:04

Tgt Ion:165 Resp: 1029

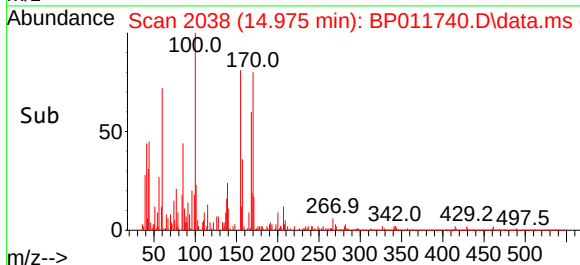
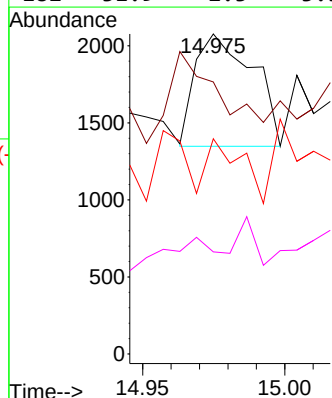
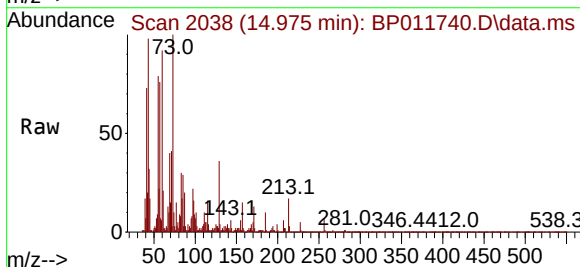
Ion Ratio Lower Upper

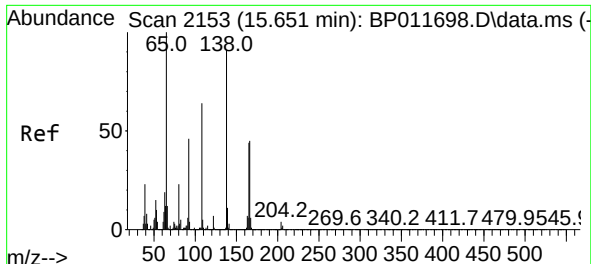
165 100

63 85.0 46.2 69.2#

89 67.3 65.8 98.8

182 31.9 2.3 3.5#

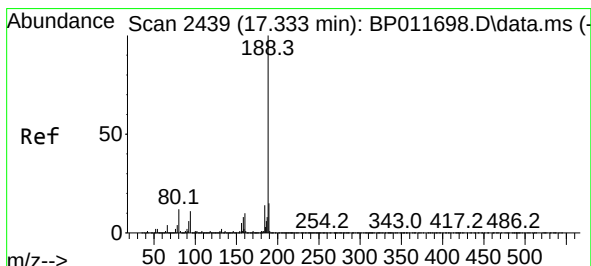
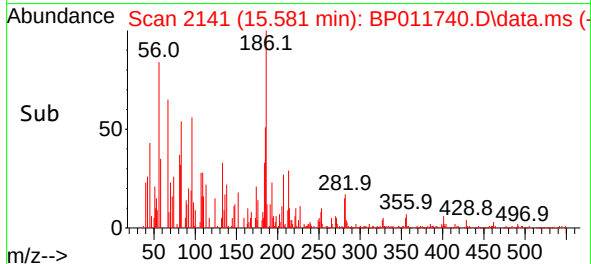
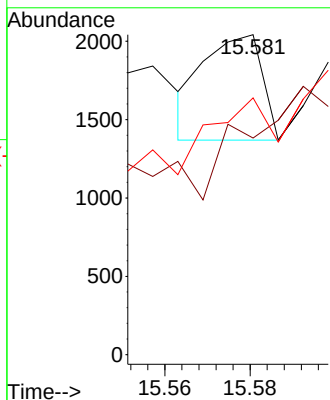
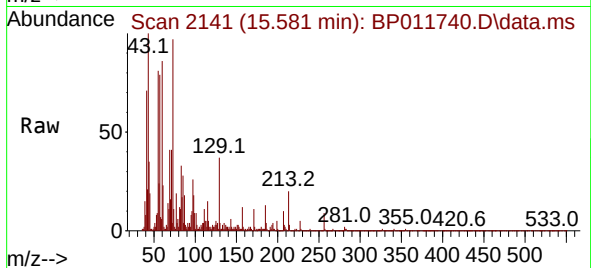




#62
4-Nitroaniline
Concen: 2.751 ng
RT: 15.581 min Scan# 2153
Delta R.T. -0.059 min
Lab File: BP011740.D
Acq: 19 Sep 2022 18:04

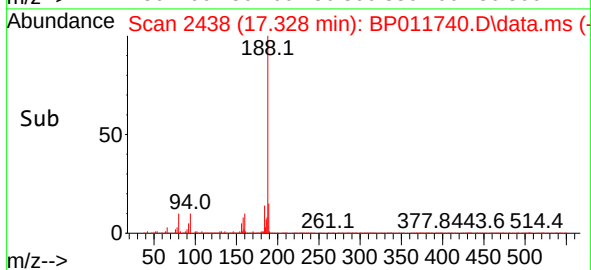
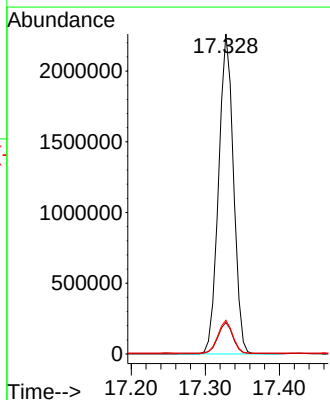
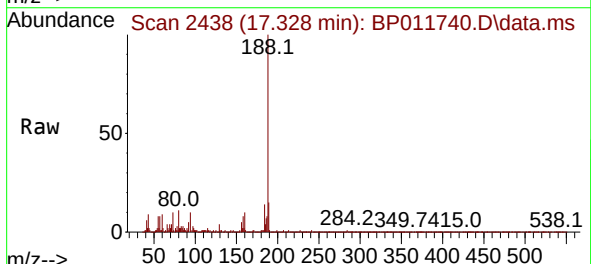
Instrument :
BNA_P
ClientSampleId :
CAR-1948

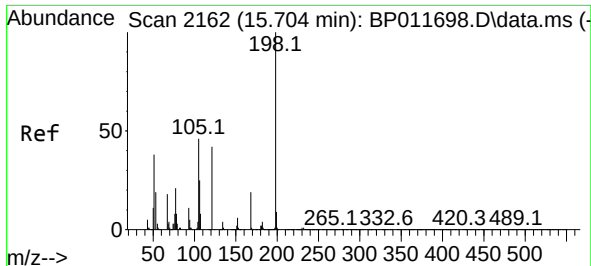
Tgt Ion:138 Resp: 636
Ion Ratio Lower Upper
138 100
92 67.7 38.0 78.0
108 80.3 77.6 117.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.328 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BP011740.D
Acq: 19 Sep 2022 18:04

Tgt Ion:188 Resp: 3153802
Ion Ratio Lower Upper
188 100
94 9.8 6.6 10.0
80 10.6 8.0 12.0

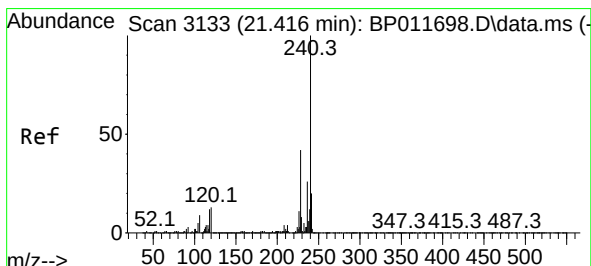
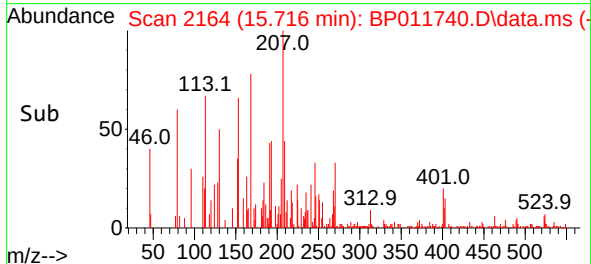
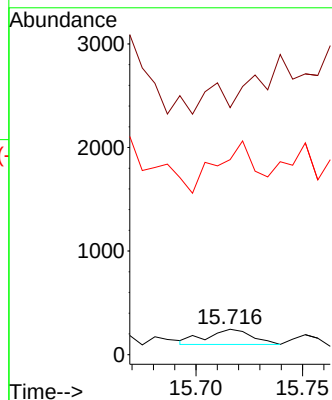
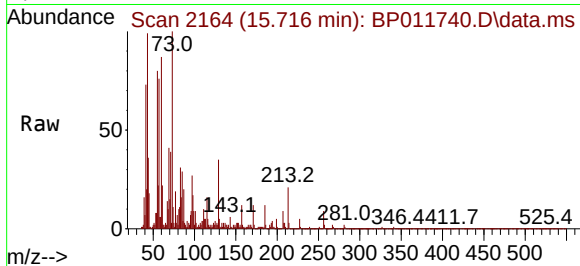




#65
4,6-Dinitro-2-methylphenol
Concen: 5.864 ng
RT: 15.716 min Scan# 2162
Delta R.T. 0.018 min
Lab File: BP011740.D
Acq: 19 Sep 2022 18:04

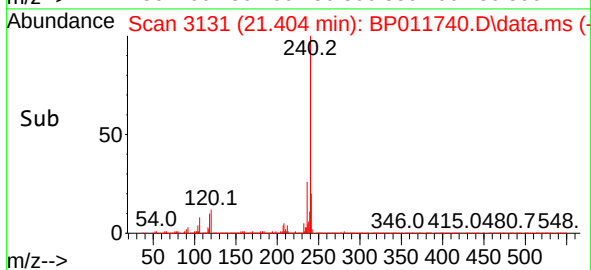
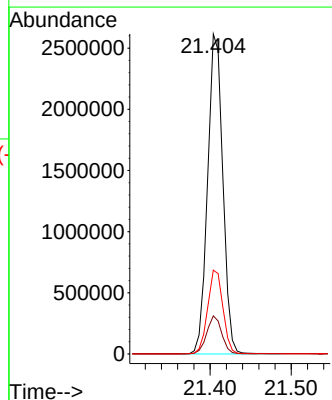
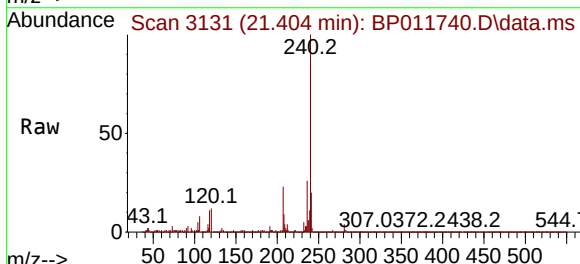
Instrument :
BNA_P
ClientSampleId :
CAR-1948

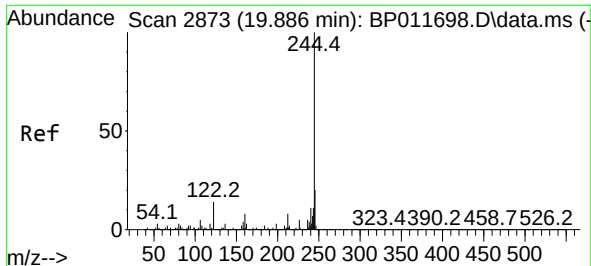
Tgt Ion:198 Resp: 216
Ion Ratio Lower Upper
198 100
51 973.1 41.2 81.2#
105 768.6 25.3 65.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP011740.D
Acq: 19 Sep 2022 18:04

Tgt Ion:240 Resp: 3397348
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 26.2 19.8 29.6

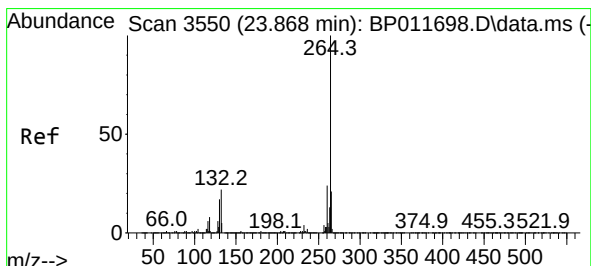
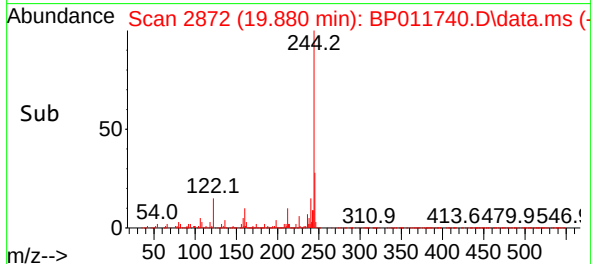
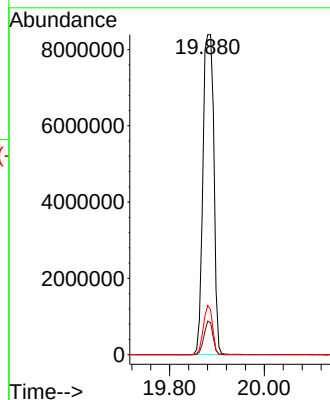
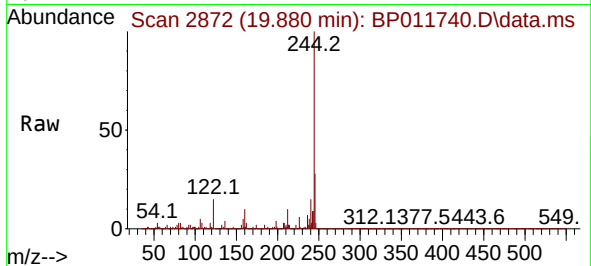




#79
 Terphenyl-d14
 Concen: 85.715 ng
 RT: 19.880 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BP011740.D
 Acq: 19 Sep 2022 18:04

Instrument :
 BNA_P
 ClientSampleId :
 CAR-1948

Tgt Ion:244 Resp:13391226
 Ion Ratio Lower Upper
 244 100
 212 10.5 5.8 8.8#
 122 15.4 7.6 11.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.857 min Scan# 3548
 Delta R.T. 0.000 min
 Lab File: BP011740.D
 Acq: 19 Sep 2022 18:04

Tgt Ion:264 Resp: 3432118
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.3 28.9
 265 22.3 18.0 27.0

