

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090222\
 Data File : BP011616.D
 Acq On : 02 Sep 2022 17:30
 Operator : CG/JU
 Sample : PB147286BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB147286BL

Quant Time: Sep 03 04:37:13 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 03 04:07:09 2022
 Response via : Initial Calibration

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

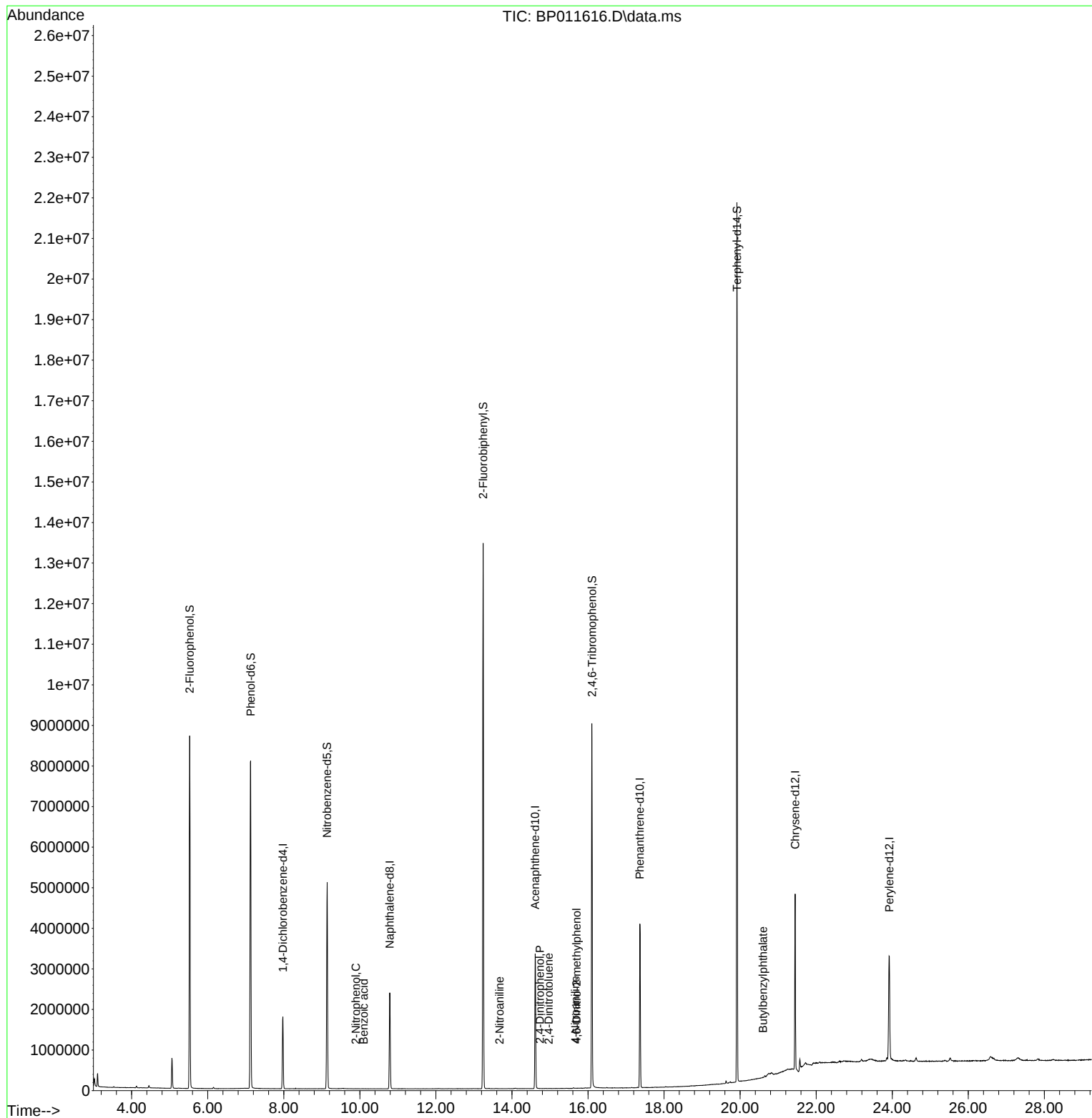
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	508961	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	2037169	20.000	ng	# 0.00
39) Acenaphthene-d10	14.610	164	1177943	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	2391312	20.000	ng	0.00
76) Chrysene-d12	21.445	240	2043243	20.000	ng	0.00
86) Perylene-d12	23.922	264	2046157	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	4055981	140.942	ng	0.00
7) Phenol-d6	7.128	99	5041454	132.395	ng	0.00
23) Nitrobenzene-d5	9.140	82	2787210	83.984	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1765264	132.638	ng	0.00
45) 2-Fluorobiphenyl	13.240	172	7020397	85.226	ng	0.00
79) Terphenyl-d14	19.916	244	9913507	101.622	ng	0.00
Target Compounds						
						Qvalue
26) 2-Nitrophenol	9.899	139	25	4.891	ng	# 1
32) Benzoic acid	10.105	122	111	8.604	ng	# 1
48) 2-Nitroaniline	13.675	65	191	3.412	ng	# 48
54) 2,4-Dinitrophenol	14.734	184	37	6.457	ng	# 1
57) 2,4-Dinitrotoluene	14.963	165	111	3.648	ng	# 97
62) 4-Nitroaniline	15.669	138	48	2.647	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.698	198	121	7.899	ng	# 1
80) Butylbenzylphthalate	20.598	149	1078	3.730	ng	# 93

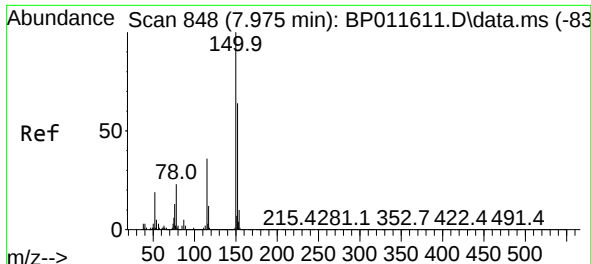
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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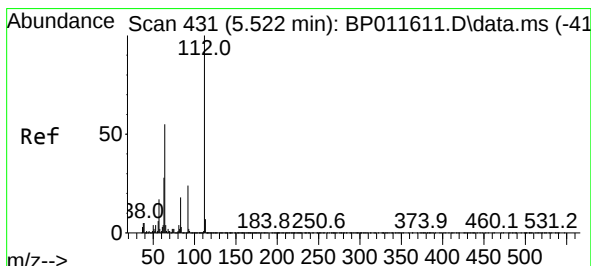
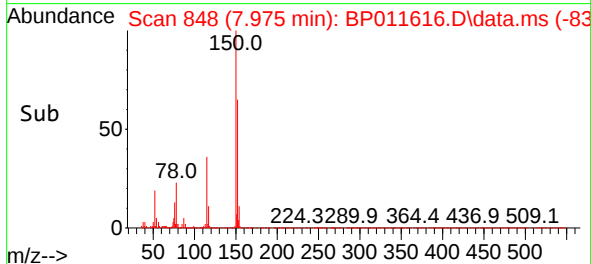
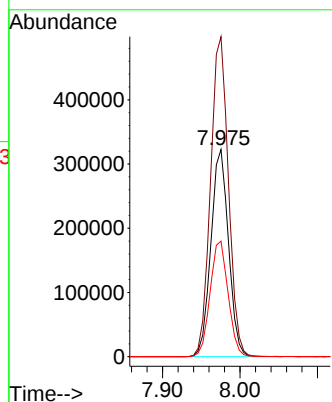
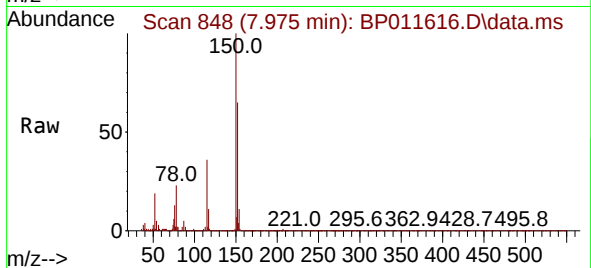




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.975 min Scan# 848
Delta R.T. 0.000 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

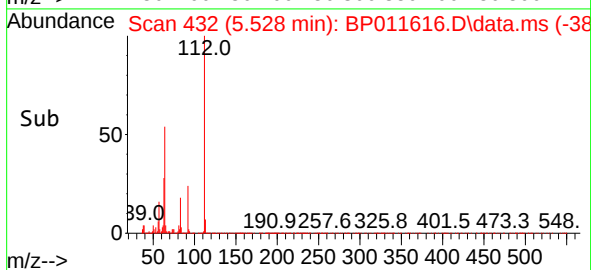
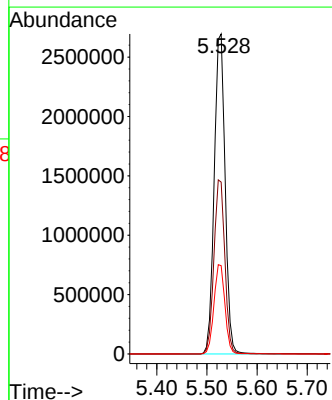
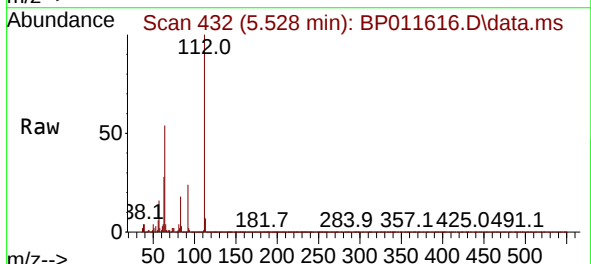
Instrument :
BNA_P
ClientSampleId :
PB147286BL

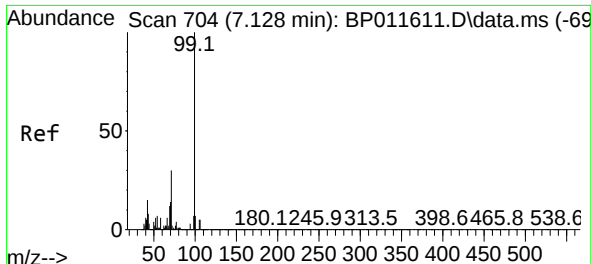
Tgt Ion:152 Resp: 508961
Ion Ratio Lower Upper
152 100
150 154.4 123.4 185.2
115 55.7 51.3 76.9



#5
2-Fluorophenol
Concen: 140.942 ng
RT: 5.528 min Scan# 432
Delta R.T. 0.006 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

Tgt Ion:112 Resp: 4055981
Ion Ratio Lower Upper
112 100
64 53.7 56.9 85.3#
63 27.6 31.2 46.8#

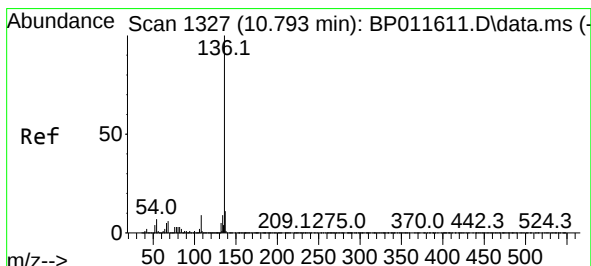
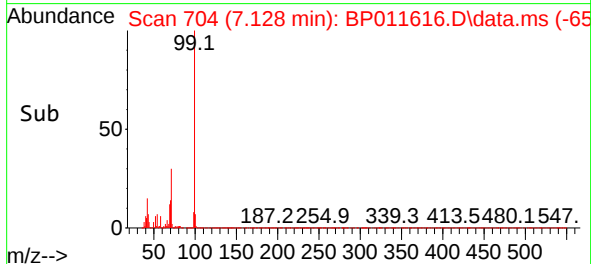
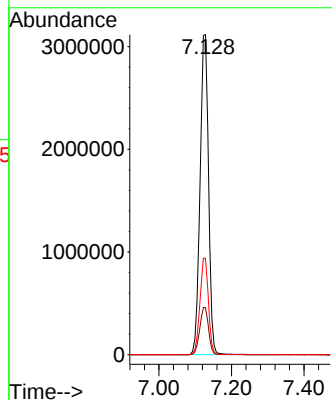
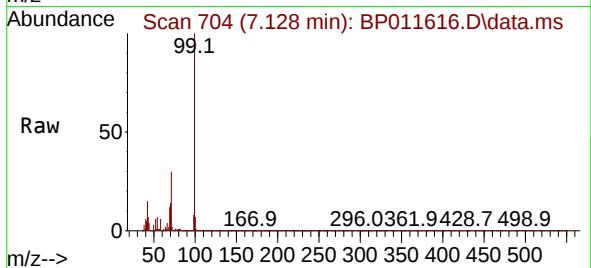




#7
Phenol-d6
Concen: 132.395 ng
RT: 7.128 min Scan# 704
Delta R.T. 0.000 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

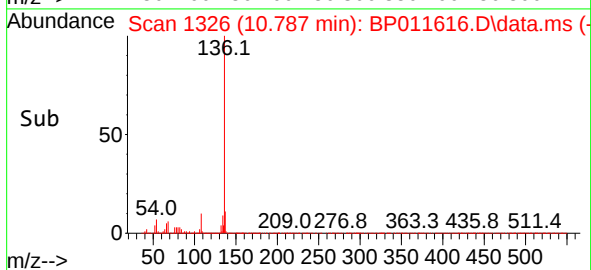
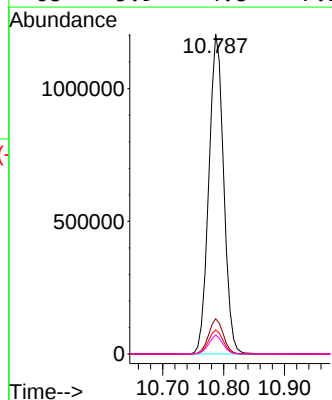
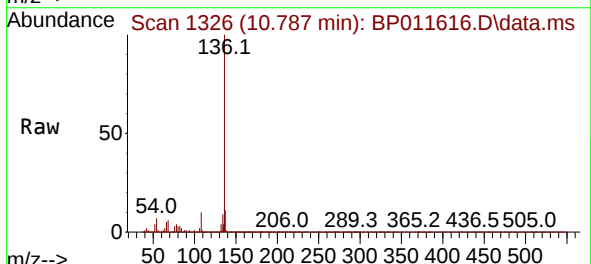
Instrument :
BNA_P
ClientSampleId :
PB147286BL

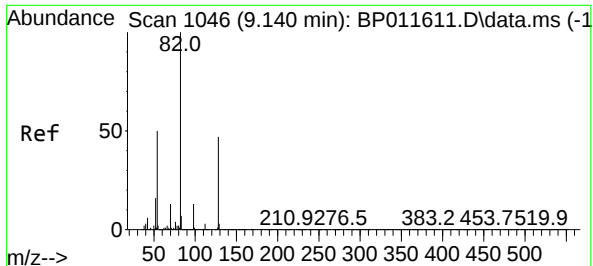
Tgt Ion: 99 Resp: 5041454
Ion Ratio Lower Upper
99 100
42 14.7 20.3 30.5#
71 30.0 33.9 50.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.787 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

Tgt Ion:136 Resp: 2037169
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 7.5 8.7 13.1#
68 5.9 4.8 7.2

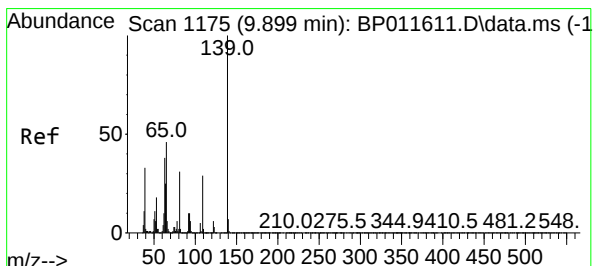
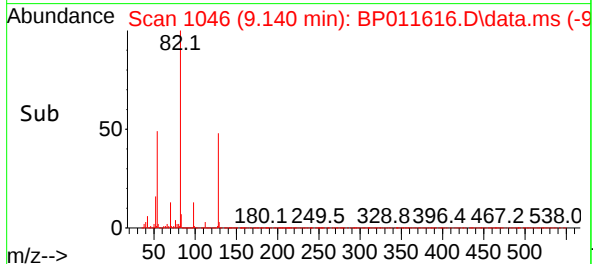
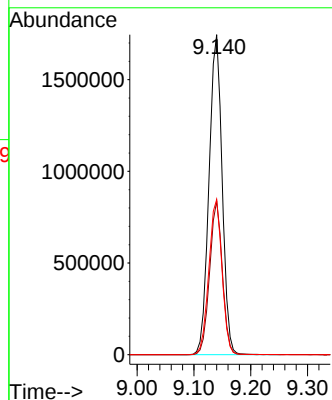
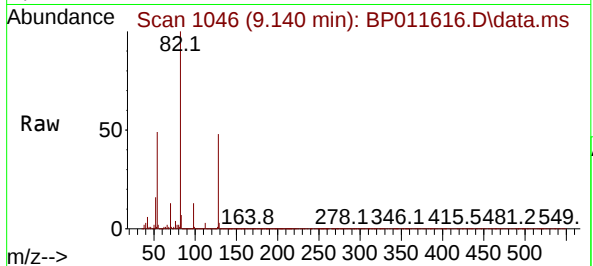




#23
Nitrobenzene-d5
Concen: 83.984 ng
RT: 9.140 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

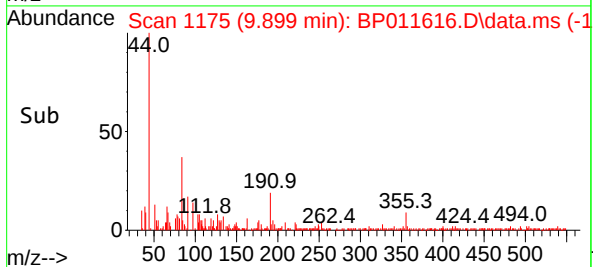
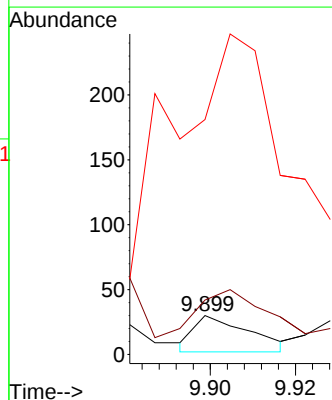
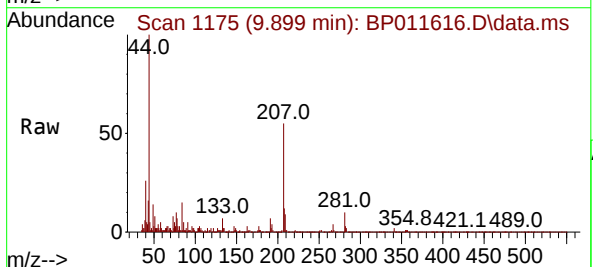
Instrument :
BNA_P
ClientSampleId :
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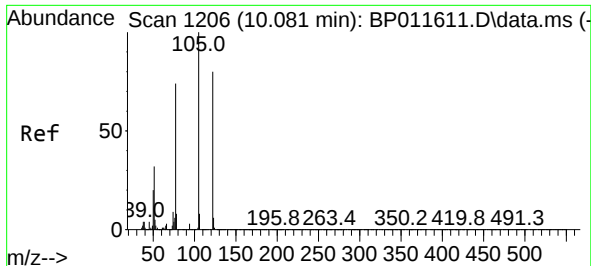
Tgt Ion: 82 Resp: 2787210
Ion Ratio Lower Upper
82 100
128 48.0 31.3 46.9#
54 48.5 49.8 74.8#



#26
2-Nitrophenol
Concen: 4.891 ng
RT: 9.899 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

Tgt Ion:139 Resp: 25
Ion Ratio Lower Upper
139 100
109 82.4 30.2 45.4#
65 354.9 52.2 78.2#

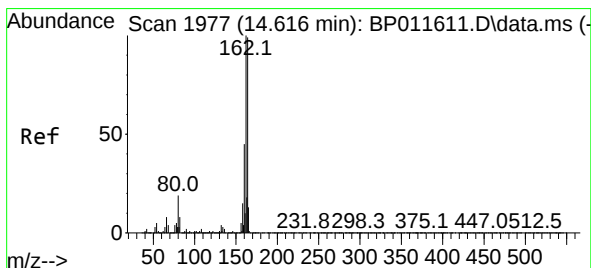
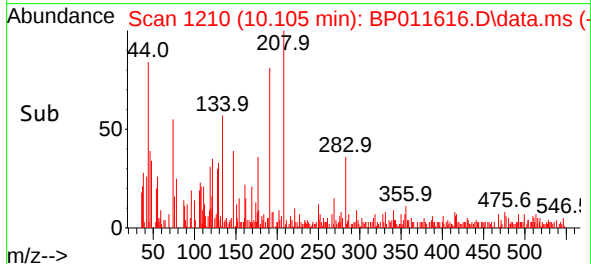
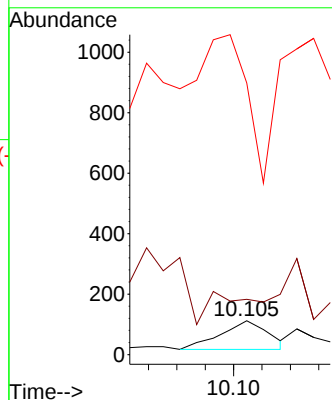
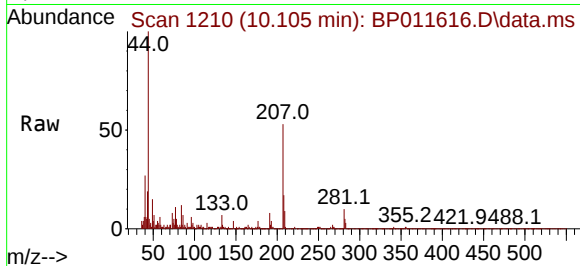




#32
Benzoic acid
Concen: 8.604 ng
RT: 10.105 min Scan# 11
Delta R.T. 0.024 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

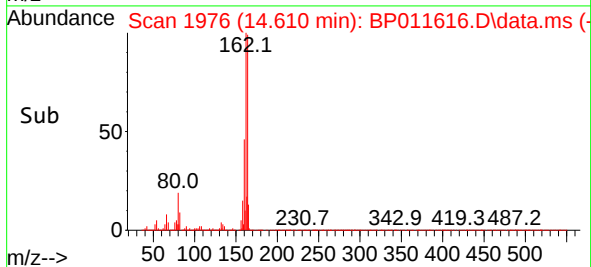
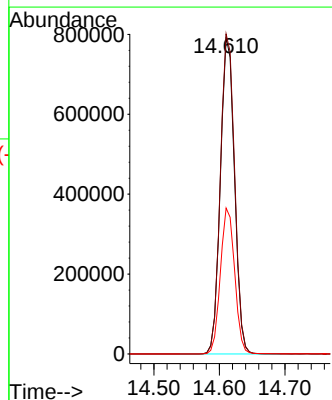
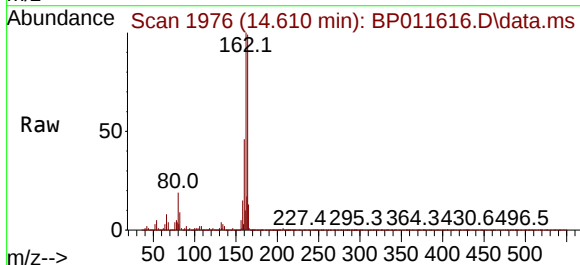
Instrument :
BNA_P
ClientSampleId :
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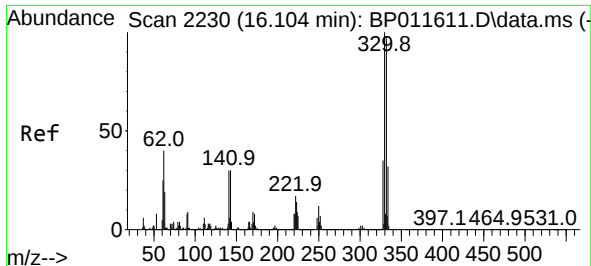
Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 163.4 112.6 152.6#
77 801.8 90.2 130.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

Tgt Ion:164 Resp: 1177943
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 46.1 34.6 51.8

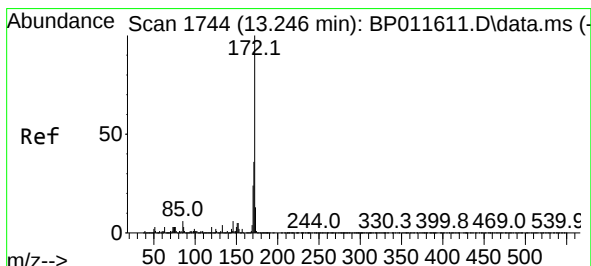
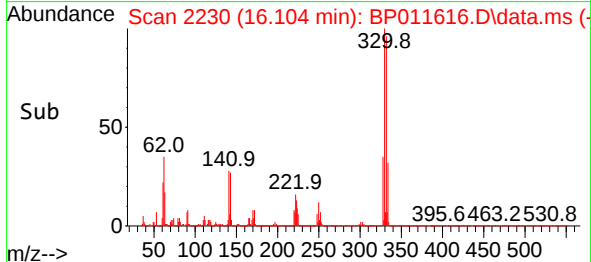
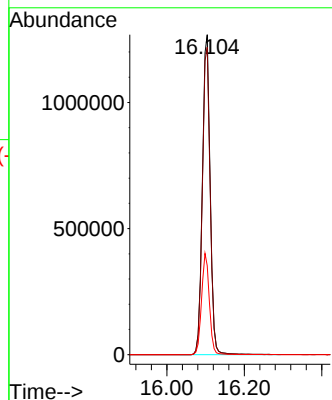
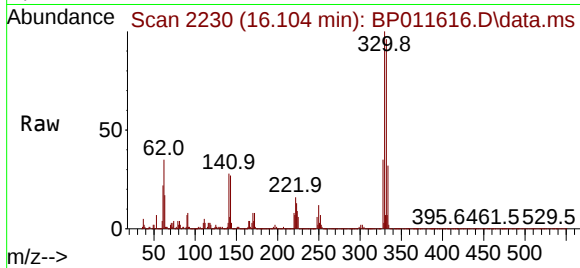




#42
2,4,6-Tribromophenol
Concen: 132.638 ng
RT: 16.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

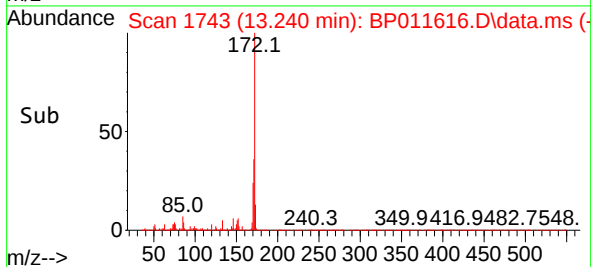
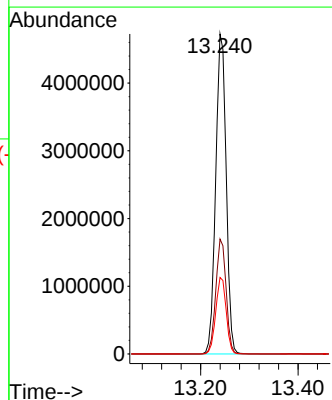
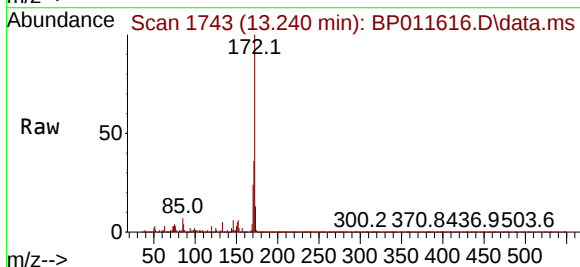
Instrument :
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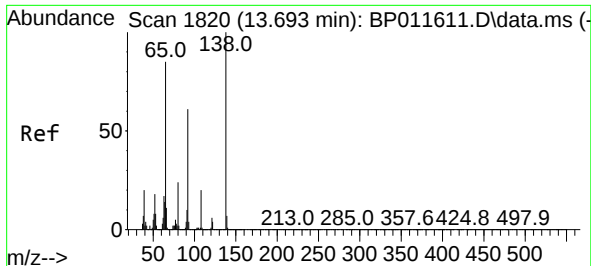
Tgt Ion:330 Resp: 1765264
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 31.6 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 85.226 ng
RT: 13.240 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

Tgt Ion:172 Resp: 7020397
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.9 18.2 27.2

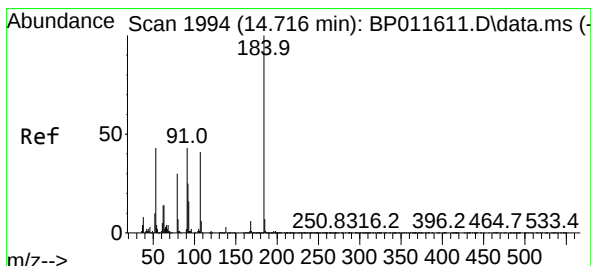
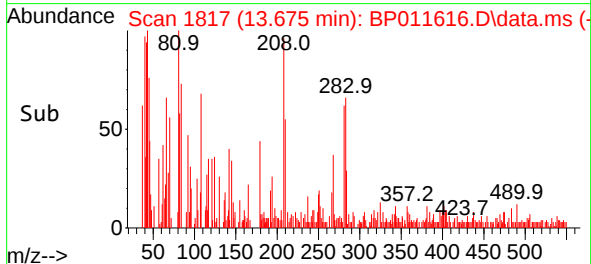
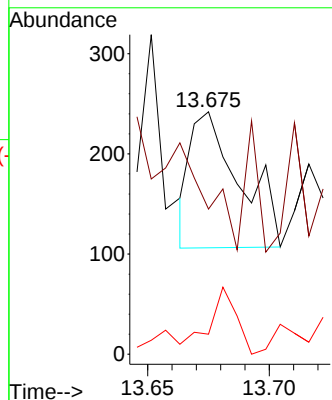
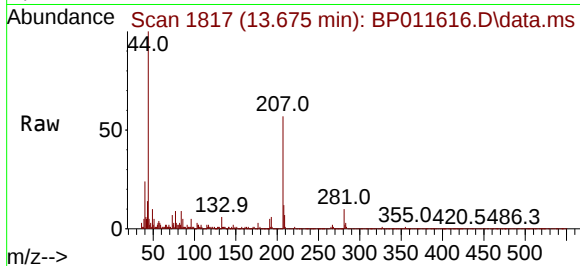




#48
2-Nitroaniline
Concen: 3.412 ng
RT: 13.675 min Scan# 1820
Delta R.T. -0.018 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

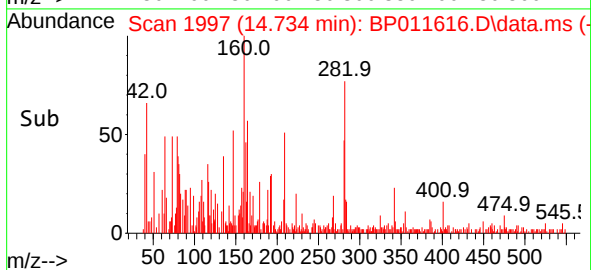
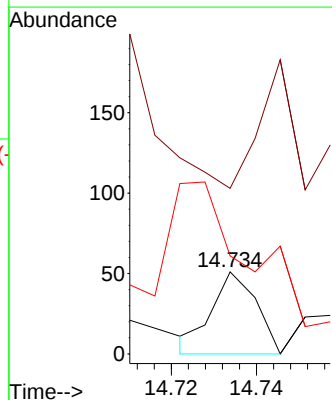
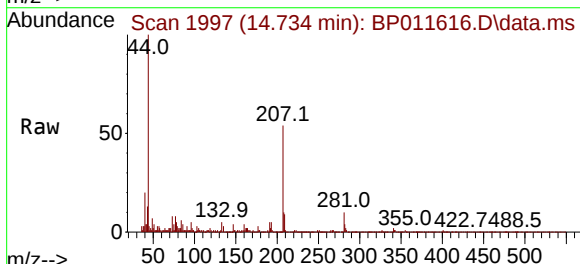
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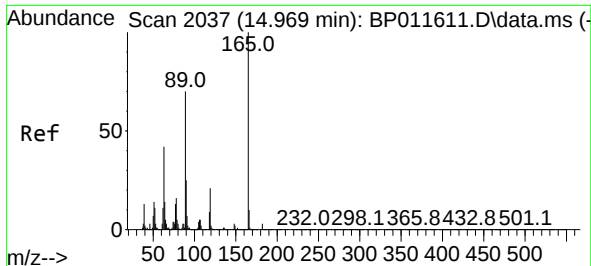
Tgt Ion: 65 Resp: 191
Ion Ratio Lower Upper
65 100
92 59.9 50.0 75.0
138 8.3 71.2 106.8#



#54
2,4-Dinitrophenol
Concen: 6.457 ng
RT: 14.734 min Scan# 1997
Delta R.T. 0.018 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

Tgt Ion: 184 Resp: 37
Ion Ratio Lower Upper
184 100
63 202.0 65.4 98.2#
154 200.0 55.4 83.2#

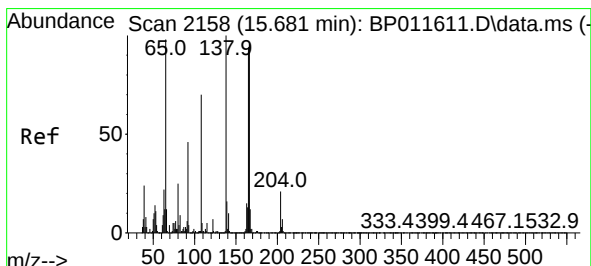
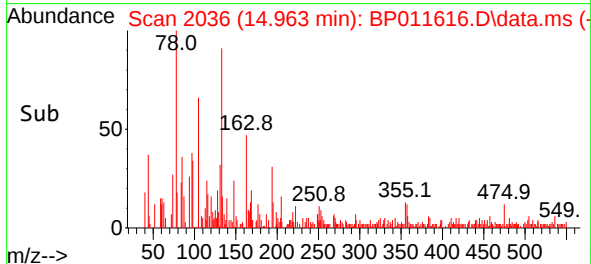
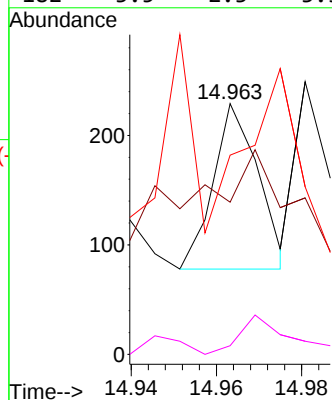
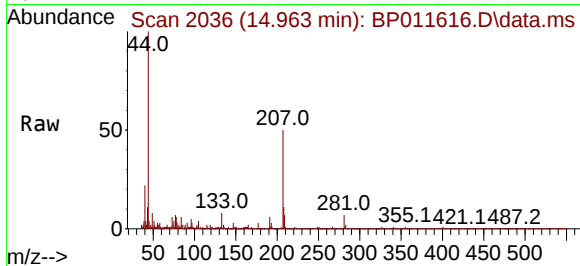




#57
2,4-Dinitrotoluene
Concen: 3.648 ng
RT: 14.963 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

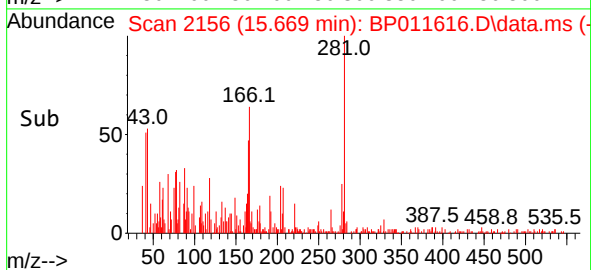
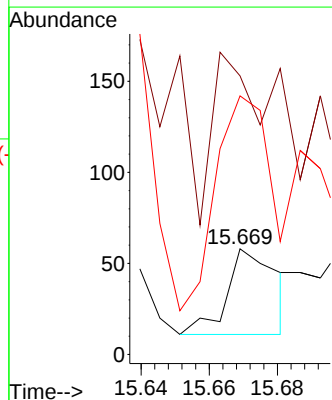
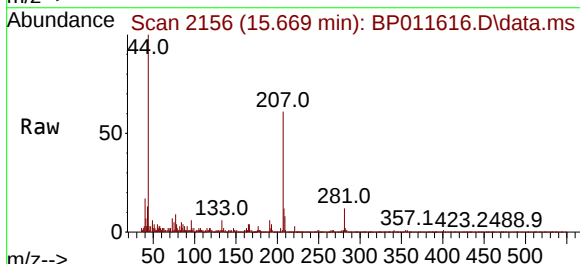
Instrument :
BNA_P
ClientSampleId :
PB147286BL

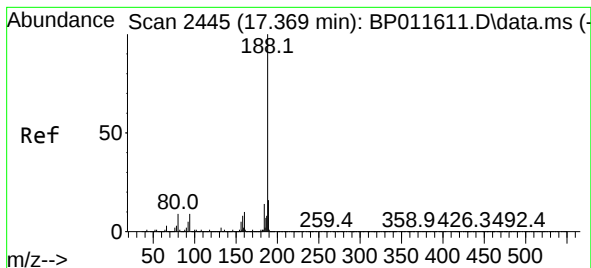
Tgt Ion:165	Resp:	111
Ion Ratio	Lower	Upper
165	100	
63	60.7	46.2 69.2
89	79.5	65.8 98.8
182	3.5	2.3 3.5#



#62
4-Nitroaniline
Concen: 2.647 ng
RT: 15.669 min Scan# 2156
Delta R.T. -0.012 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

Tgt Ion:138	Resp:	48
Ion Ratio	Lower	Upper
138	100	
92	263.8	38.0 78.0#
108	244.8	77.6 117.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.363 min Scan# 2444

Delta R.T. -0.006 min

Lab File: BP011616.D

Acq: 02 Sep 2022 17:30

Instrument :

BNA_P

ClientSampleId :

PB147286BL

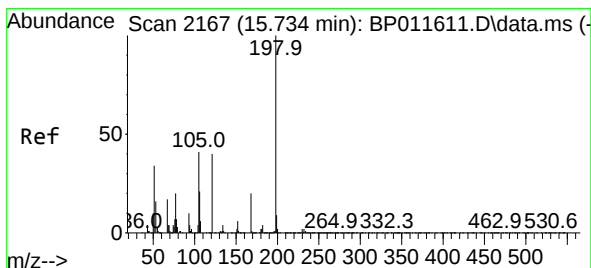
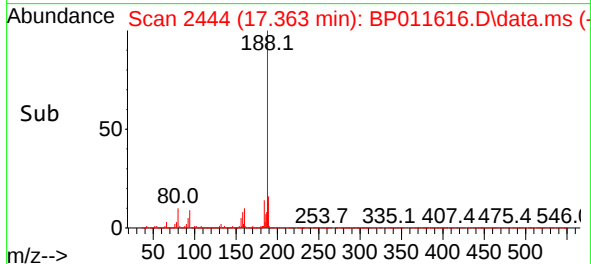
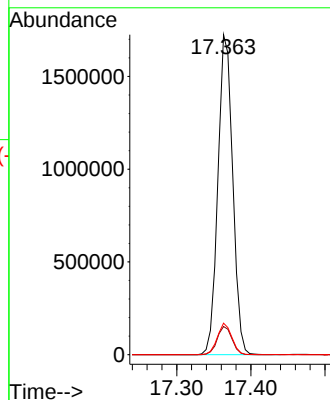
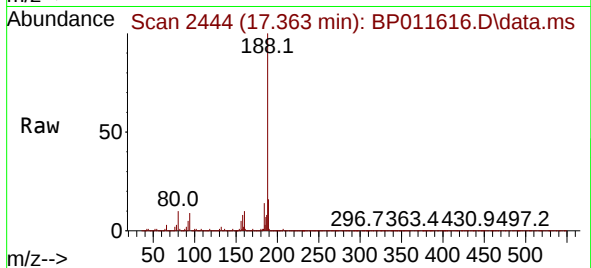
Tgt Ion:188 Resp: 2391312

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 9.8 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 7.899 ng

RT: 15.698 min Scan# 2161

Delta R.T. -0.036 min

Lab File: BP011616.D

Acq: 02 Sep 2022 17:30

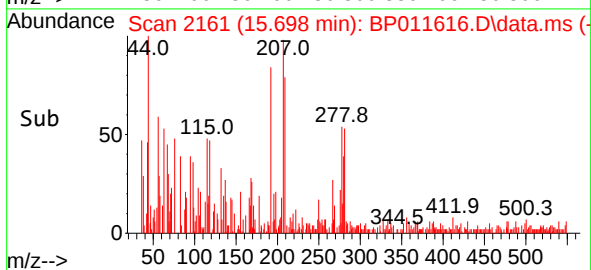
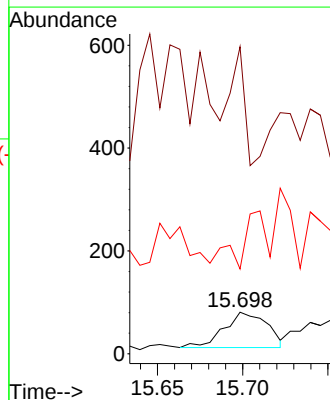
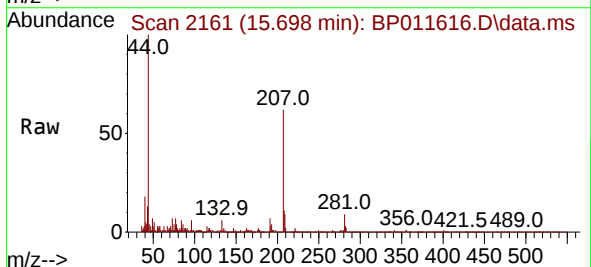
Tgt Ion:198 Resp: 121

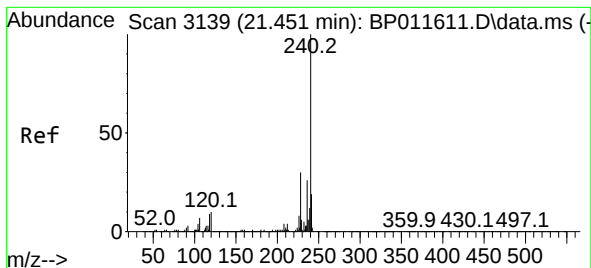
Ion Ratio Lower Upper

198 100

51 737.0 41.2 81.2#

105 203.7 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.445 min Scan# 31

Delta R.T. -0.006 min

Lab File: BP011616.D

Acq: 02 Sep 2022 17:30

Instrument :

BNA_P

ClientSampleId :

PB147286BL

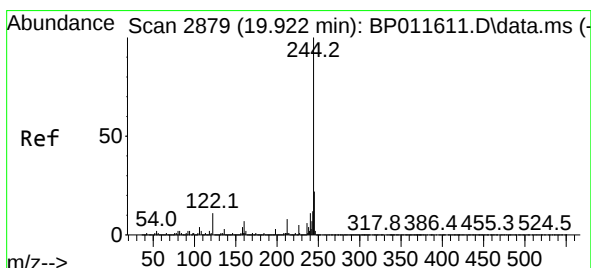
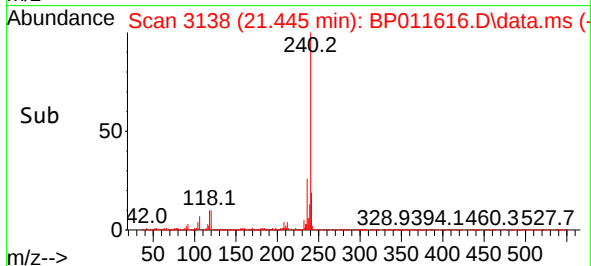
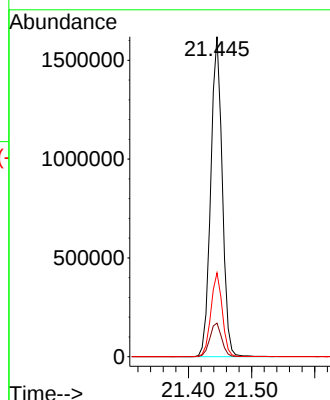
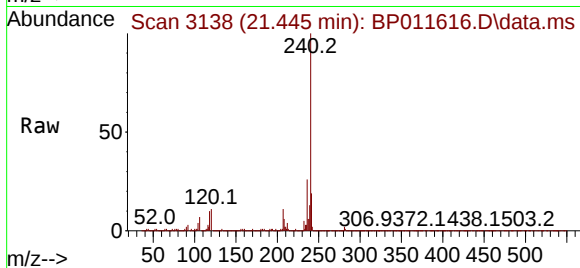
Tgt Ion:240 Resp: 2043243

Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

236 26.2 19.8 29.6



#79

Terphenyl-d14

Concen: 101.622 ng

RT: 19.916 min Scan# 2878

Delta R.T. -0.006 min

Lab File: BP011616.D

Acq: 02 Sep 2022 17:30

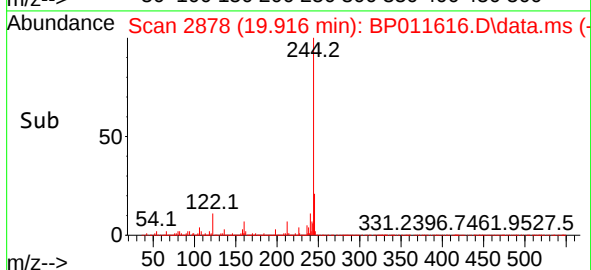
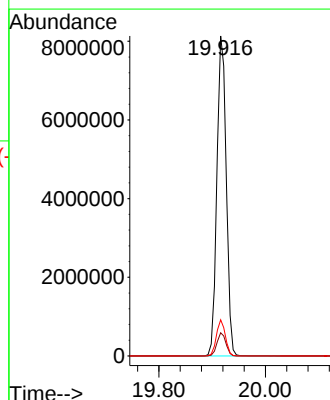
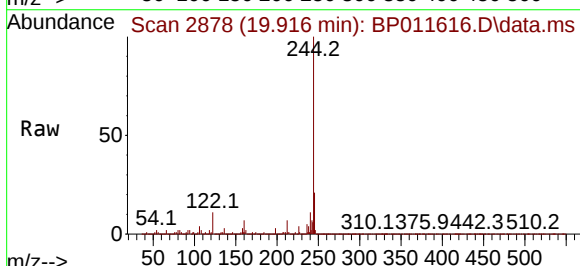
Tgt Ion:244 Resp: 9913507

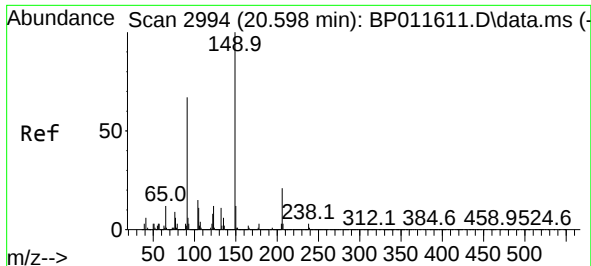
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 11.3 7.6 11.4

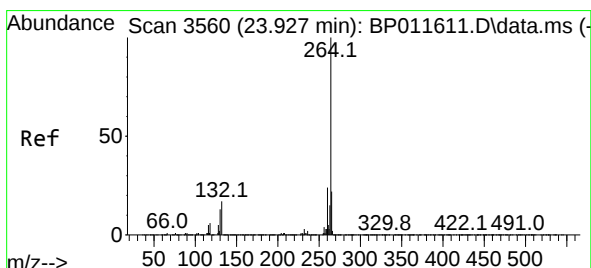
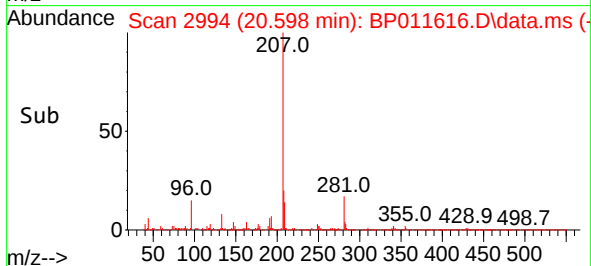
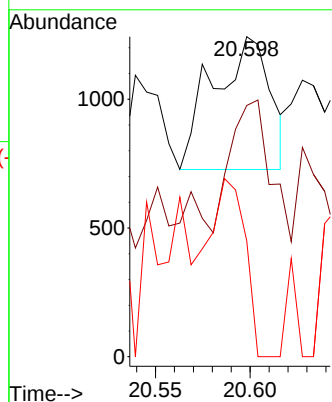
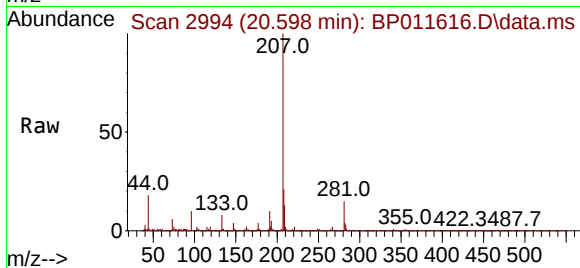




#80
Butylbenzylphthalate
Concen: 3.730 ng
RT: 20.598 min Scan# 2994
Delta R.T. 0.000 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

Instrument :
BNA_P
ClientSampleId :
PB147286BL

Tgt Ion:149 Resp: 1078
Ion Ratio Lower Upper
149 100
91 78.5 62.5 93.7
206 36.2 17.0 25.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.922 min Scan# 3559
Delta R.T. -0.006 min
Lab File: BP011616.D
Acq: 02 Sep 2022 17:30

Tgt Ion:264 Resp: 2046157
Ion Ratio Lower Upper
264 100
260 24.0 19.3 28.9
265 21.7 18.0 27.0

