

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
 Data File : BP002985.D
 Acq On : 14 Aug 2020 15:21
 Operator : CG/JU
 Sample : L3659-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP1-2

Quant Time: Aug 14 16:06:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 11 17:14:14 2020
 Response via : Initial Calibration

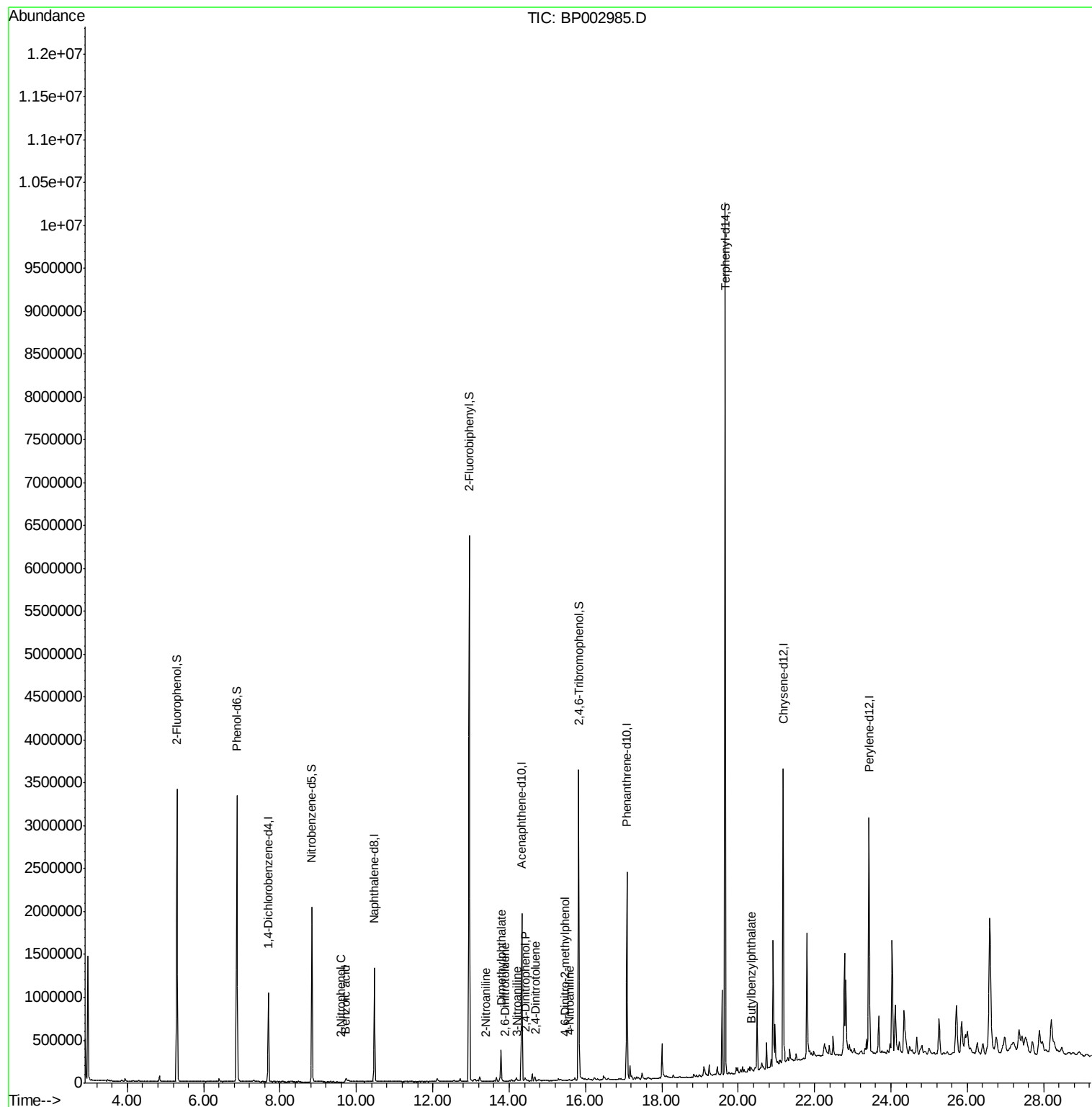
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	309113	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	1202152	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	674659	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	1404619	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1579577	20.00	ng	0.00
86) Perylene-d12	23.42	264	1861993	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1745334	86.42	ng	0.00
7) Phenol-d6	6.87	99	2321500	82.79	ng	-0.01
23) Nitrobenzene-d5	8.83	82	1182328	53.27	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	744062	88.73	ng	-0.01
45) 2-Fluorobiphenyl	12.95	172	3484042	70.56	ng	-0.01
79) Terphenyl-d14	19.66	244	4180117	52.98	ng	-0.01
Target Compounds						
26) 2-Nitrophenol	9.60	139	20	4.522	ng	# 1
32) Benzoic acid	9.72	122	35932	10.388	ng	92
48) 2-Nitroaniline	13.40	65	221	3.990	ng	# 45
50) Dimethylphthalate	13.79	163	254976	4.832	ng	100
51) 2,6-Dinitrotoluene	13.89	165	247	2.919	ng	# 63
53) 3-Nitroaniline	14.22	138	183	3.287	ng	# 62
54) 2,4-Dinitrophenol	14.42	184	59	8.068	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	83	3.811	ng	# 56
62) 4-Nitroaniline	15.59	138	451	2.451	ng	76
65) 4,6-Dinitro-2-methylphenol	15.47	198	68	6.908	ng	# 1
80) Butylbenzylphthalate	20.34	149	8412	3.233	ng	93

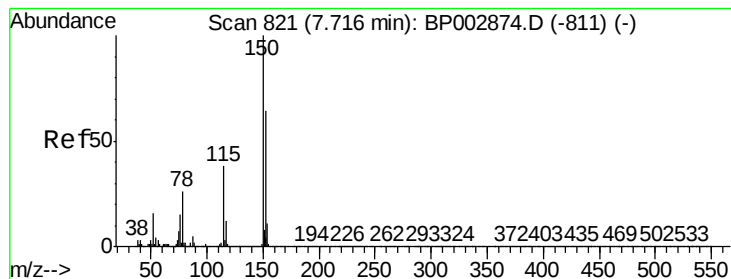
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081420\
Data File : BP002985.D
Acq On : 14 Aug 2020 15:21
Operator : CG/JU
Sample : L3659-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SP1-2

Quant Time: Aug 14 16:06:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration



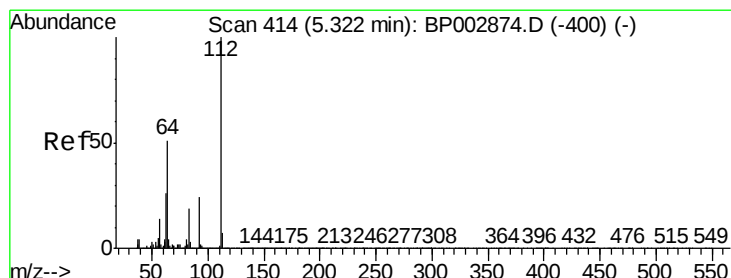
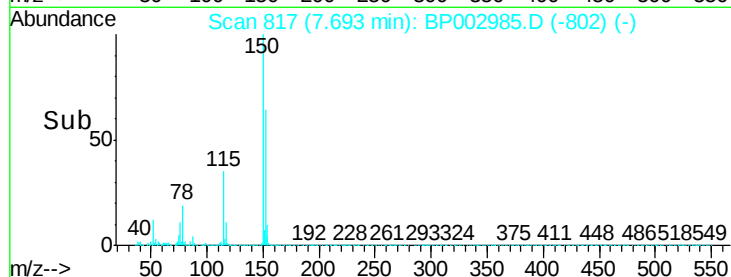
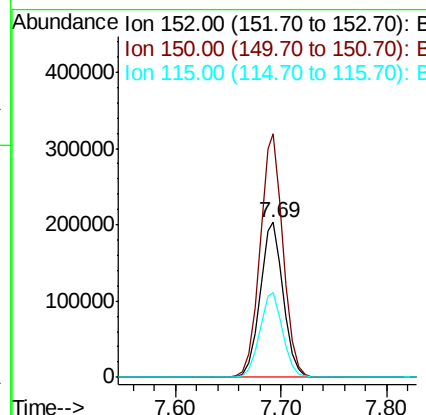
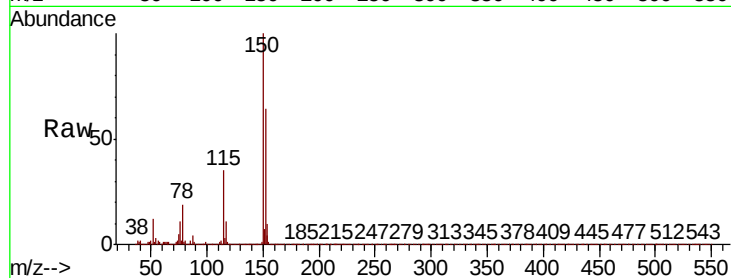


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

Instrument :
BNA_P
ClientSampleId :
SP1-2

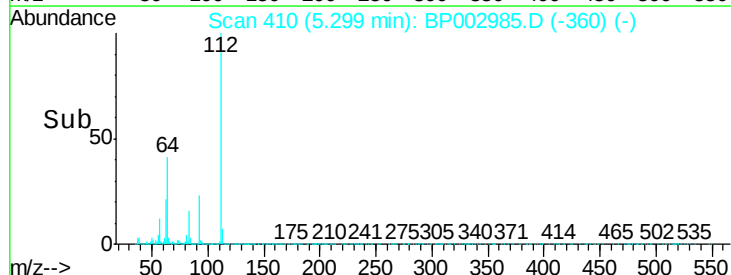
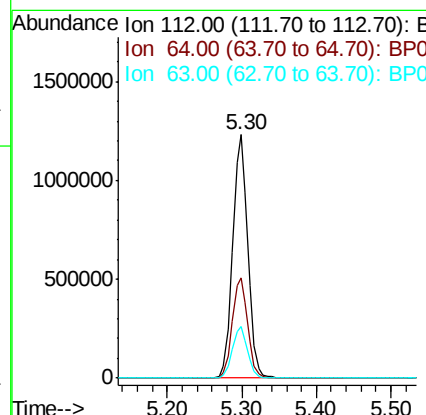
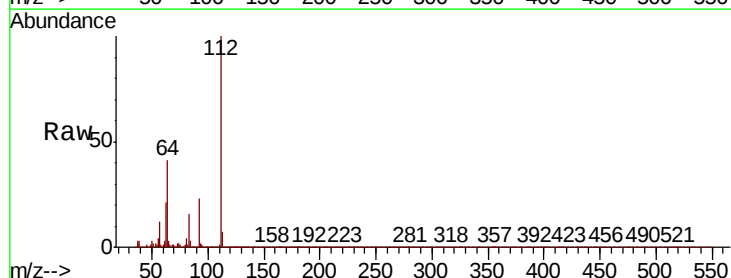
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.4
115	55.0	42.1	63.1

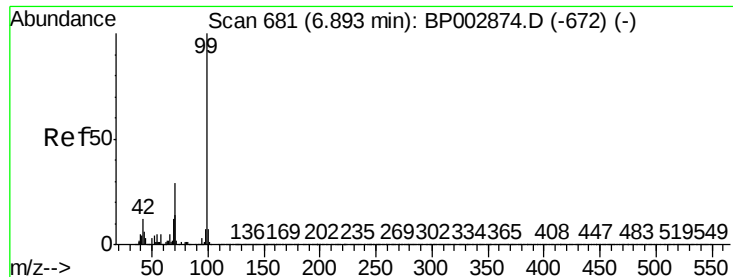


#5

2-Fluorophenol
Concen: 86.416 ng
RT: 5.30 min Scan# 410
Delta R.T. -0.01 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.1	33.8	50.8
63	21.1	17.2	25.8





#7

Phenol-d6

Concen: 82.790 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.01 min

Lab File: BP002985.D

Acq: 14 Aug 2020 15:21

Instrument :

BNA_P

ClientSampleId :

SP1-2

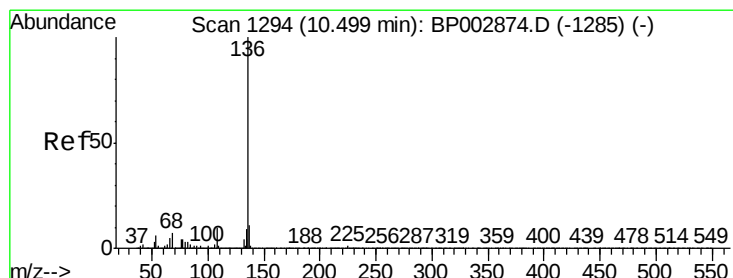
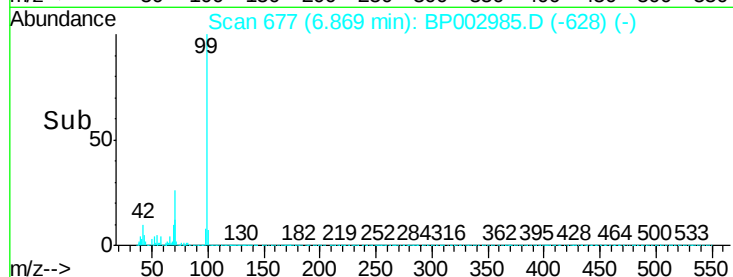
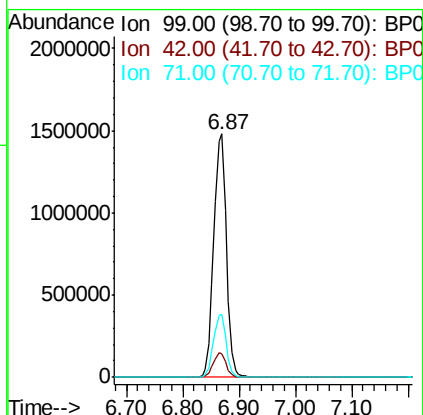
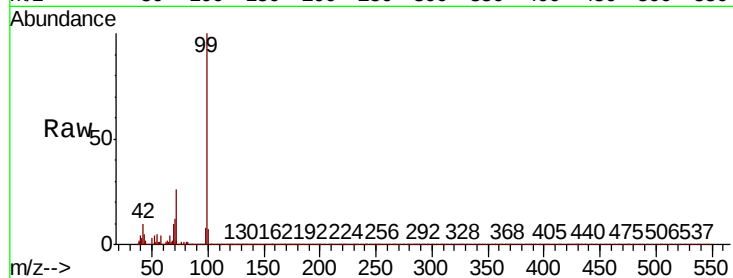
Tot Ion: 99 Resp: 2321500

Ion	Ratio	Lower	Upper
99	100		
42	9.7	8.1	12.1
71	25.9	21.0	31.4

99 100

42 9.7 8.1 12.1

71 25.9 21.0 31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP002985.D

Acq: 14 Aug 2020 15:21

Tgt Ion: 136 Resp: 1202152

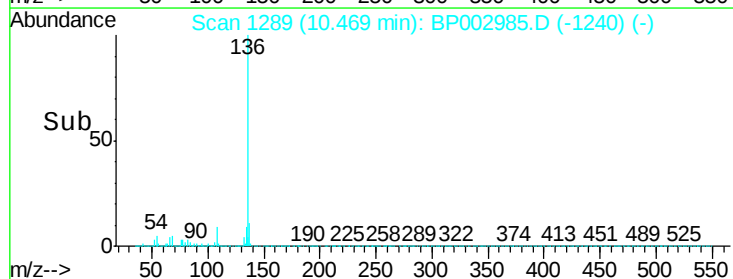
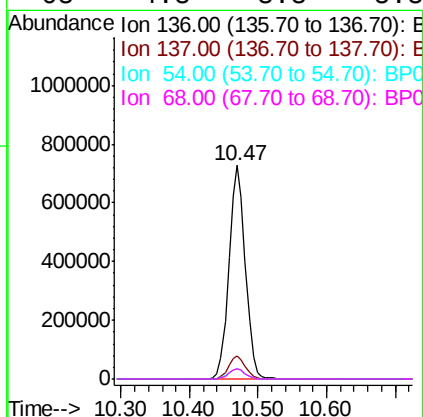
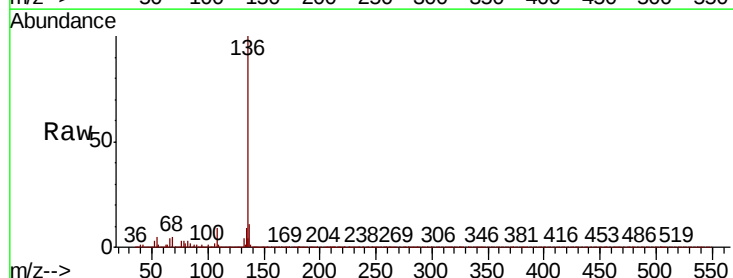
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	4.7	3.9	5.9
68	4.8	3.8	5.8

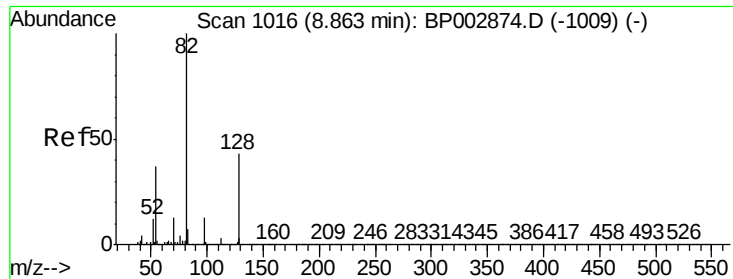
136 100

137 11.1 9.0 13.4

54 4.7 3.9 5.9

68 4.8 3.8 5.8

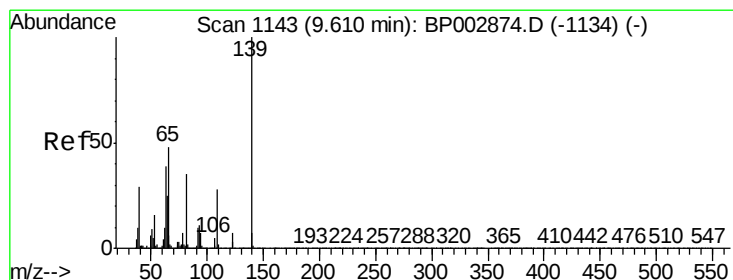
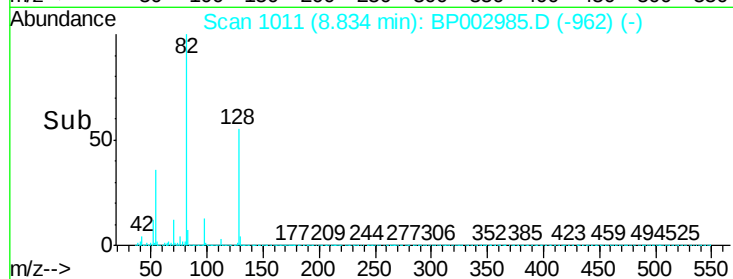
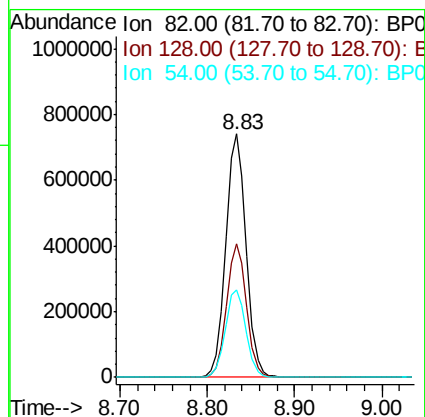
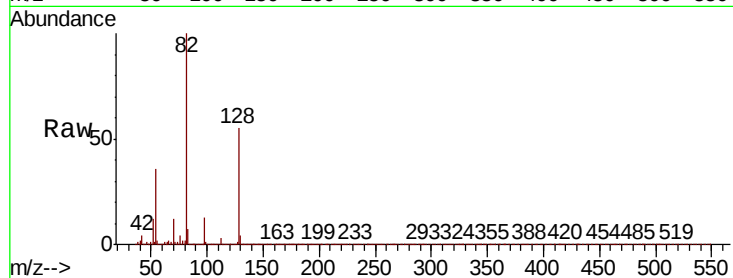




#23
Nitrobenzene-d5
Concen: 53.269 ng
RT: 8.83 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

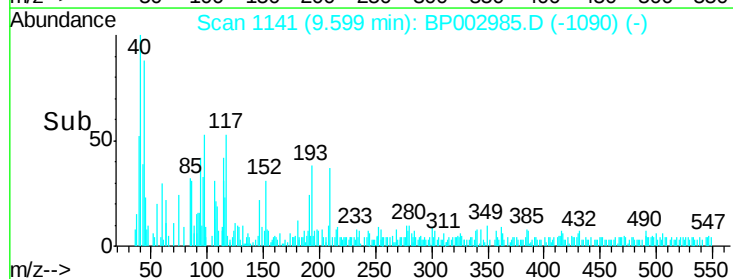
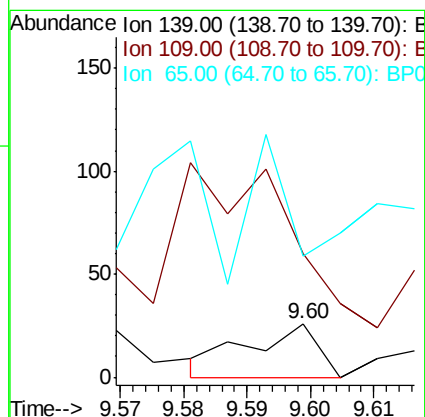
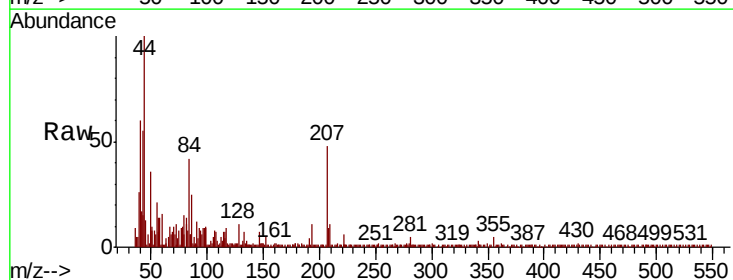
Instrument :
BNA_P
ClientSampled :
SP1-2

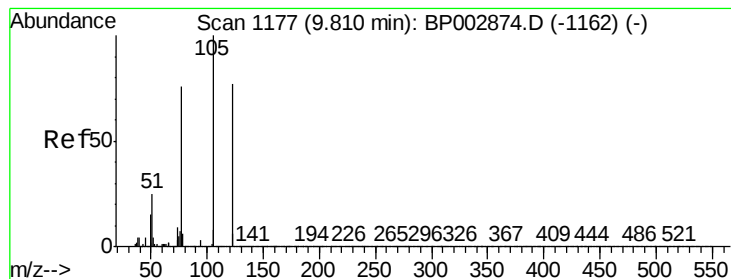
Tot Ion: 82 Resp: 1182328
Ion Ratio Lower Upper
82 100
128 54.7 44.6 66.8
54 35.9 29.2 43.8



#26
2-Nitrophenol
Concen: 4.522 ng
RT: 9.60 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

Tgt Ion:139 Resp: 20
Ion Ratio Lower Upper
139 100
109 230.8 19.5 29.3#
65 226.9 26.6 40.0#





#32

Benzoic acid

Concen: 10.388 ng

RT: 9.72 min Scan# 1161

Delta R.T. -0.10 min

Lab File: BP002985.D

Acq: 14 Aug 2020 15:21

Instrument :

BNA_P

ClientSampleId :

SP1-2

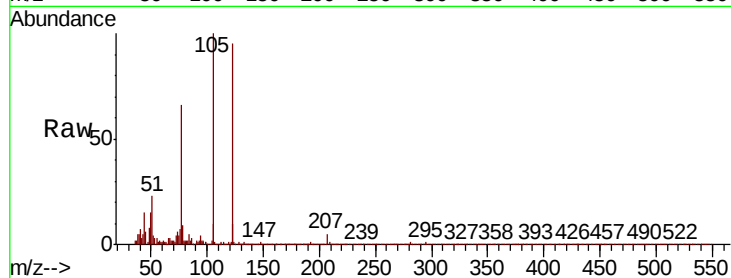
Tot Ion:122 Resp: 35932

Ion Ratio Lower Upper

122 100

105 105.6 95.8 135.8

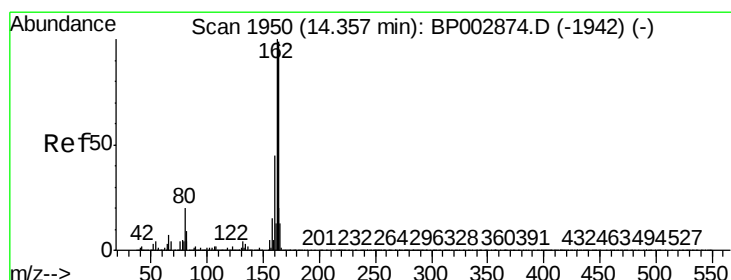
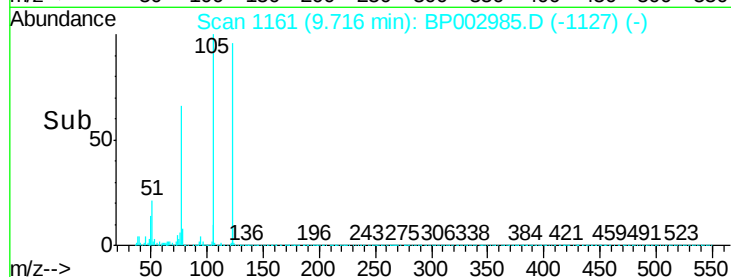
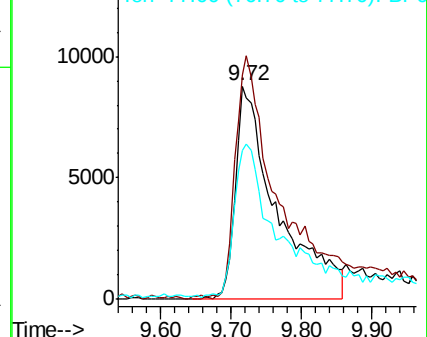
77 70.0 54.7 94.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BP002985.D

Acq: 14 Aug 2020 15:21

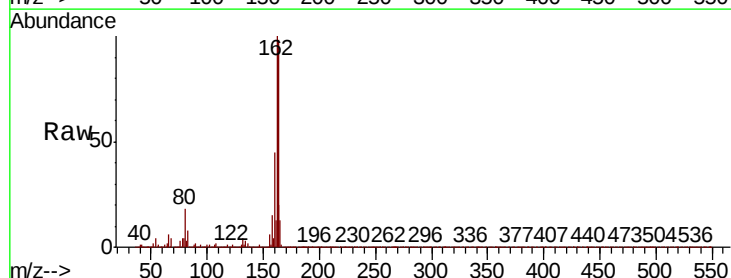
Tgt Ion:164 Resp: 674659

Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

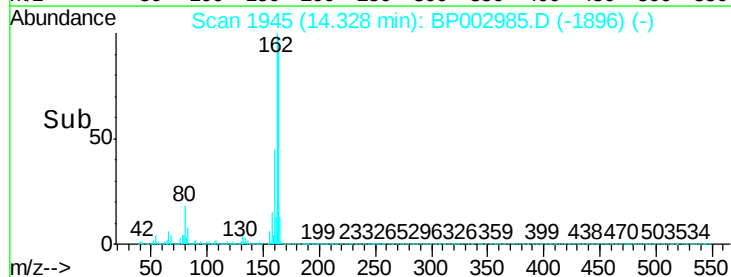
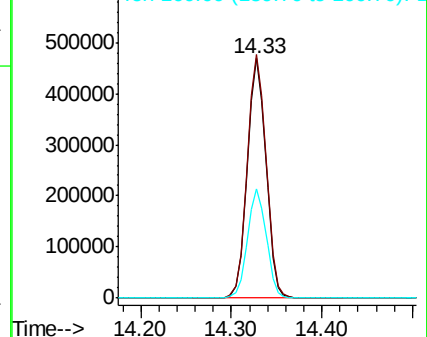
160 45.8 36.2 54.4

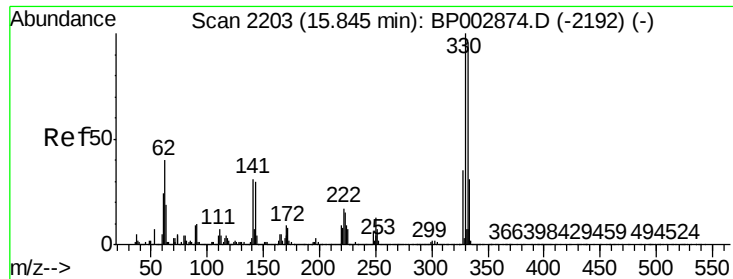


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

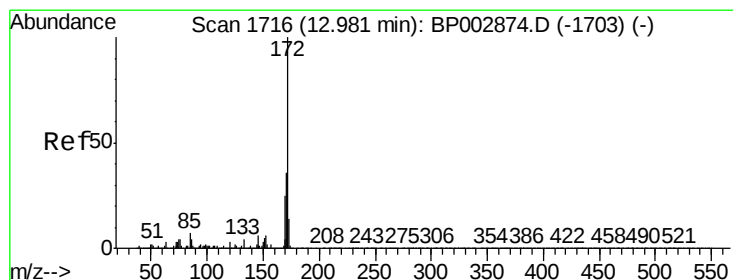
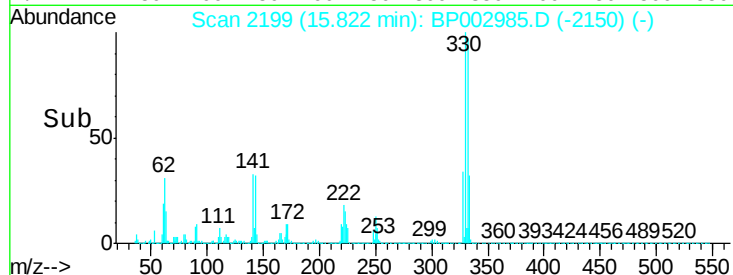
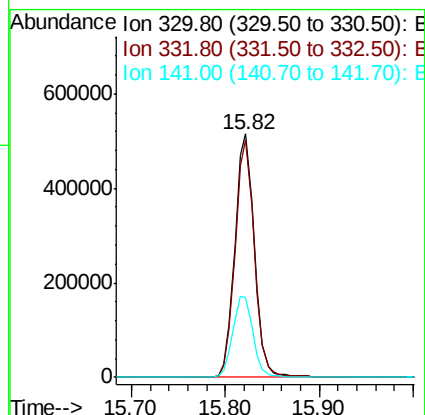
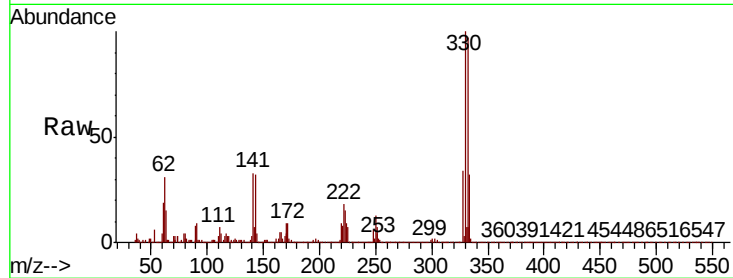




#42
 2,4,6-Tribromophenol
 Concen: 88.735 ng
 RT: 15.82 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BP002985.D
 Acq: 14 Aug 2020 15:21

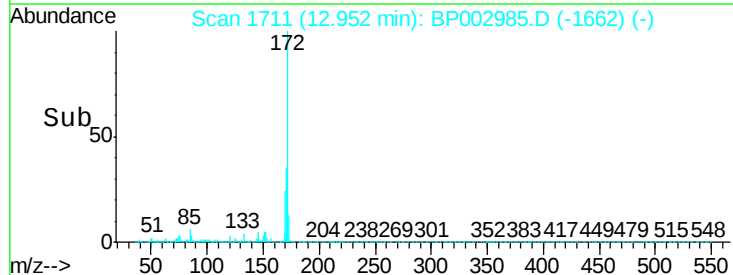
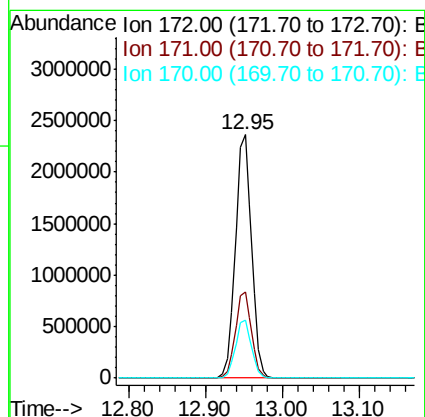
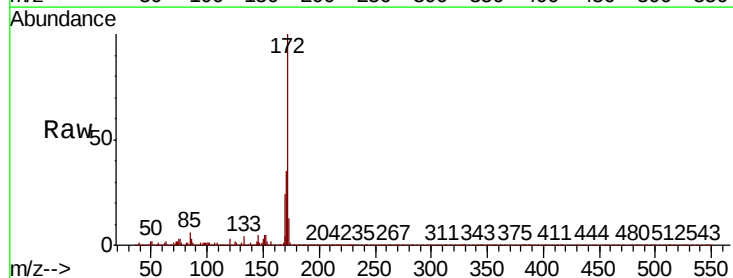
Instrument :
 BNA_P
 ClientSampleId :
 SP1-2

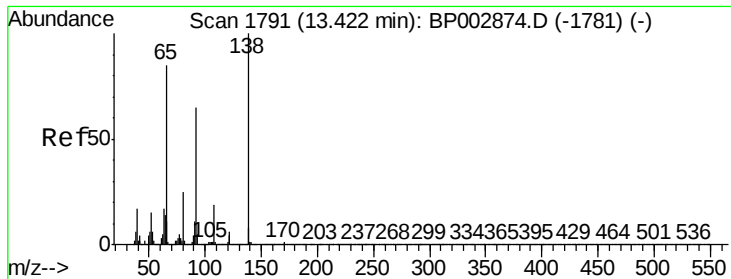
Tot Ion:330 Resp: 744062
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.4
 141 34.4 28.6 43.0



#45
 2-Fluorobiphenyl
 Concen: 70.558 ng
 RT: 12.95 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BP002985.D
 Acq: 14 Aug 2020 15:21

Tgt Ion:172 Resp: 3484042
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.7 19.6 29.4

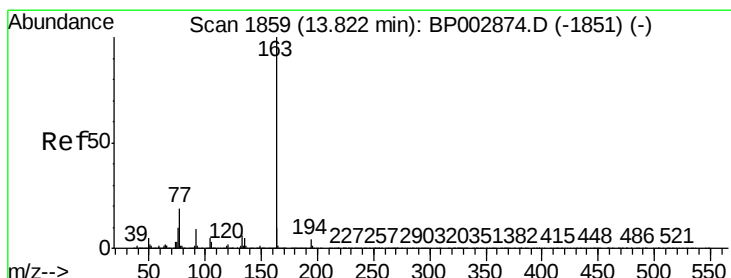
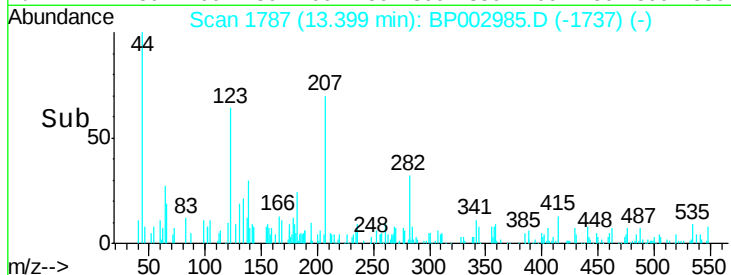
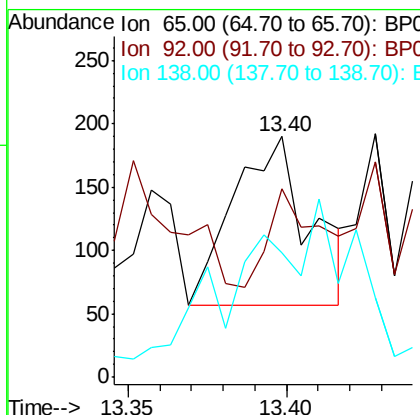
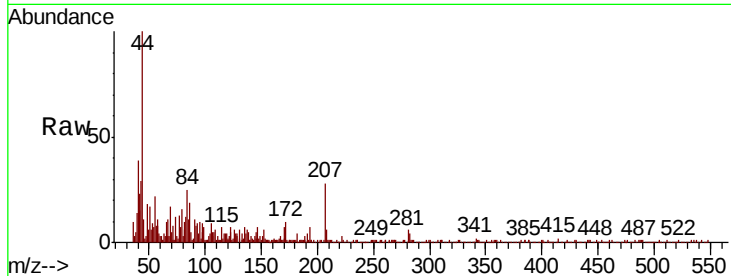




#48
2-Nitroaniline
Concen: 3.990 ng
RT: 13.40 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

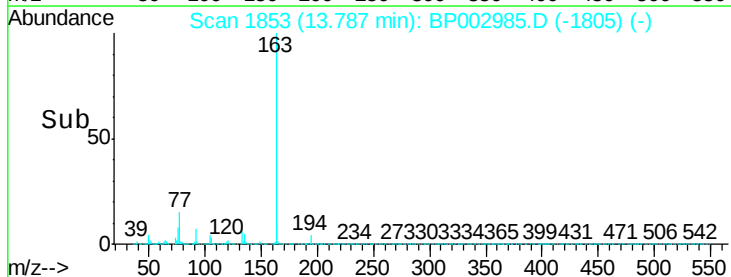
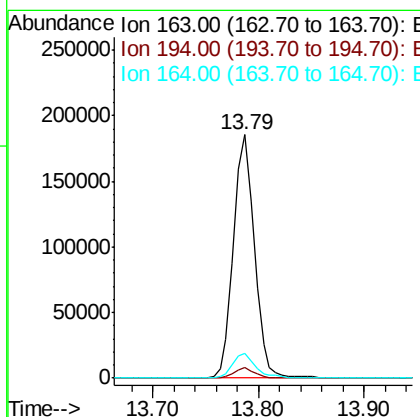
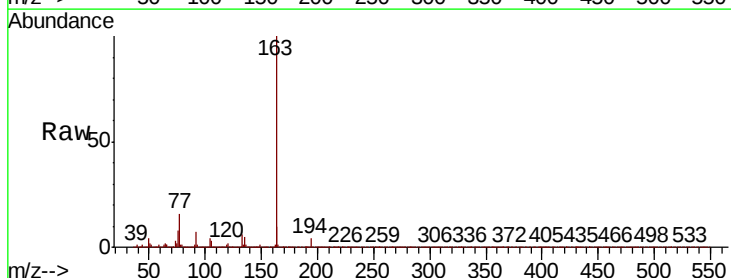
Instrument :
BNA_P
ClientSampled :
SP1-2

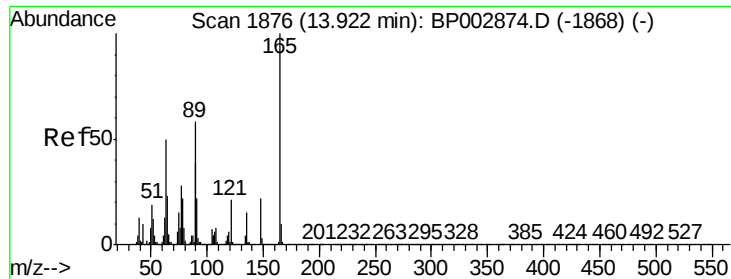
Tot Ion: 65 Resp: 221
Ion Ratio Lower Upper
65 100
92 78.4 69.6 104.4
138 51.6 125.6 188.4#



#50
Dimethylphthalate
Concen: 4.832 ng
RT: 13.79 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

Tgt Ion: 163 Resp: 254976
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.4 8.2 12.4

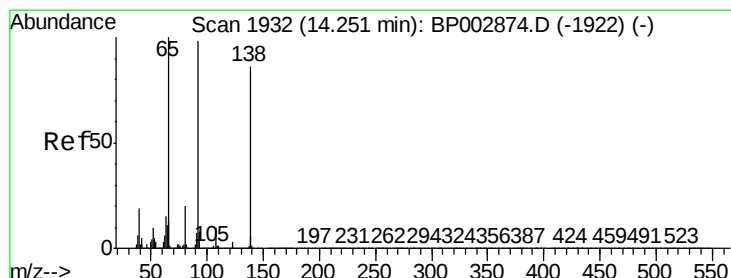
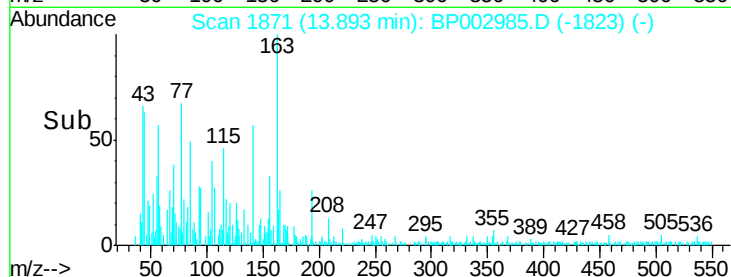
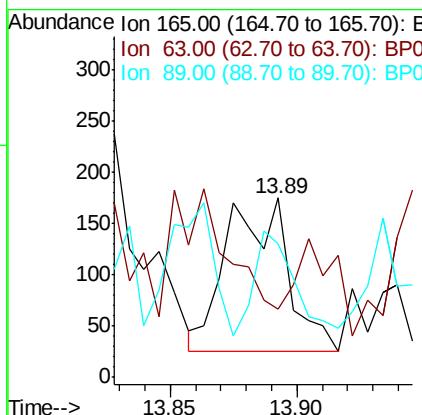
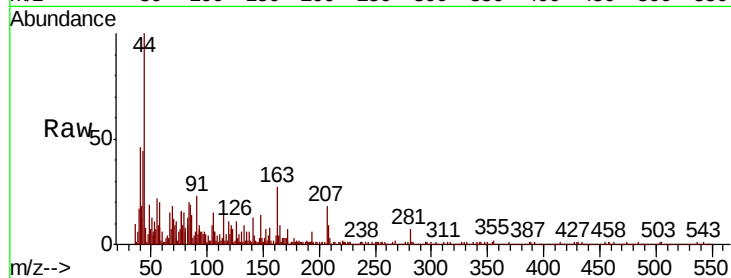




#51
2,6-Dinitrotoluene
Concen: 2.919 ng
RT: 13.89 min Scan# 1871
Delta R.T. -0.02 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

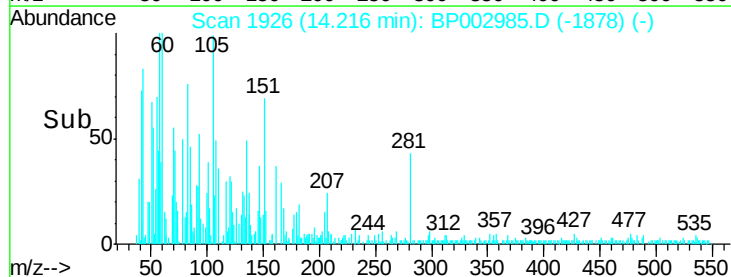
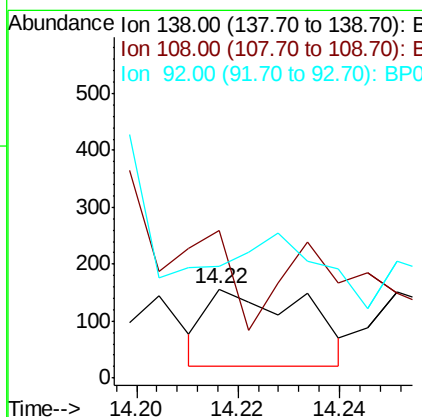
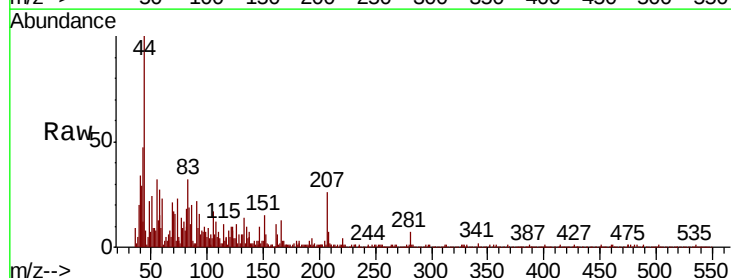
Instrument :
BNA_P
ClientSampleId :
SP1-2

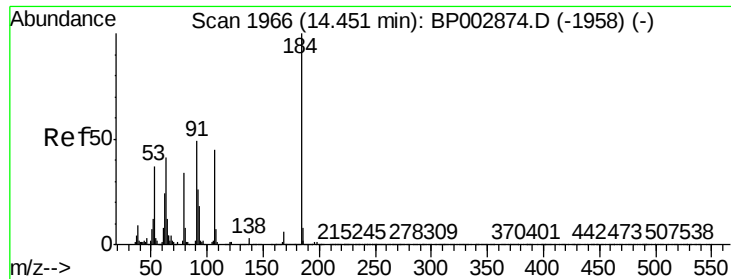
Tot Ion	Ratio	Lower	Upper
165	100		
63	35.8	27.5	41.3
89	85.6	35.3	52.9#



#53
3-Nitroaniline
Concen: 3.287 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

Tgt Ion	Ratio	Lower	Upper
138	100		
108	135.4	7.2	10.8#
92	102.6	75.8	113.6

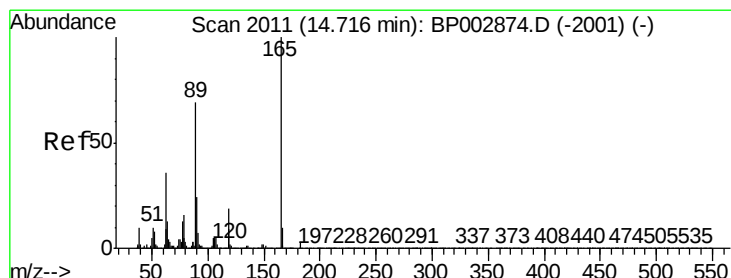
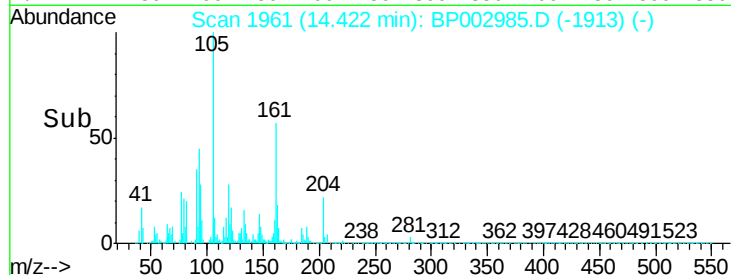
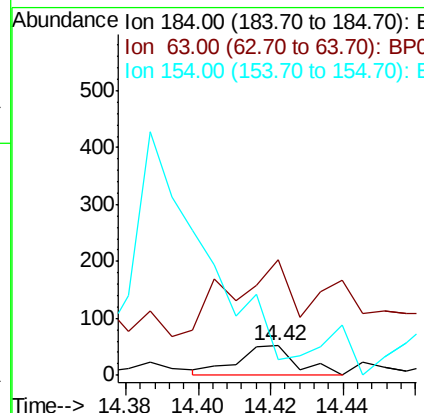
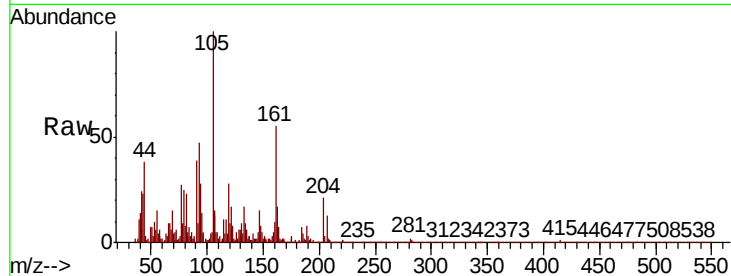




#54
2,4-Dinitrophenol
Concen: 8.068 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

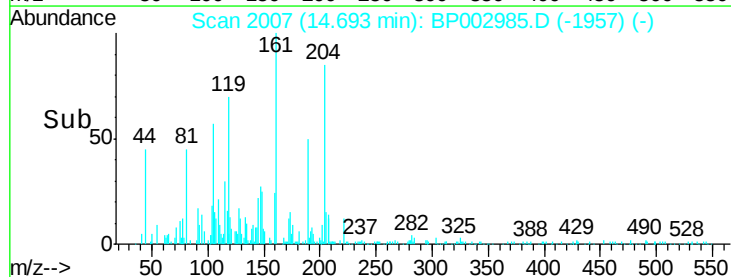
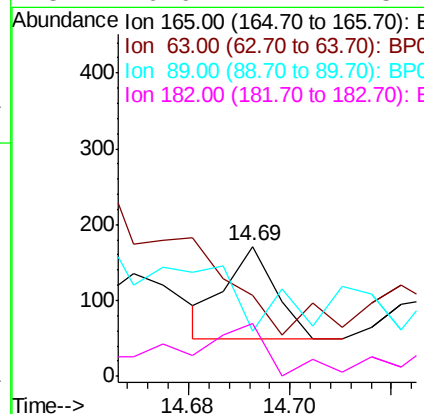
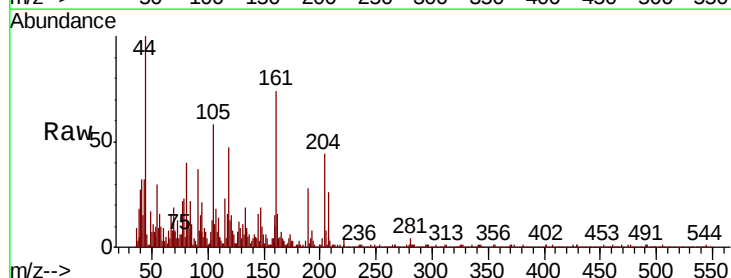
Instrument :
BNA_P
ClientSampleId :
SP1-2

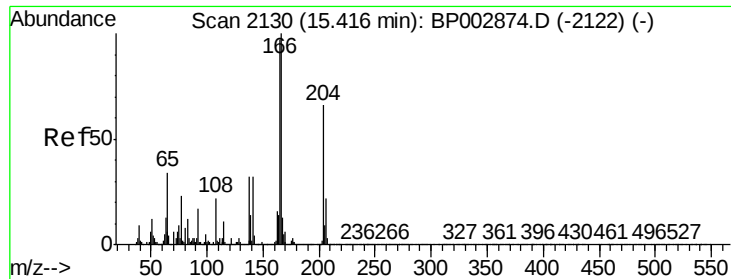
Tot Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 392.3 36.4 54.6#
154 51.9 46.6 69.8



#57
2,4-Dinitrotoluene
Concen: 3.811 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

Tgt Ion:165 Resp: 83
Ion Ratio Lower Upper
165 100
63 62.0 22.6 34.0#
89 35.1 46.2 69.2#
182 40.9 2.2 3.4#

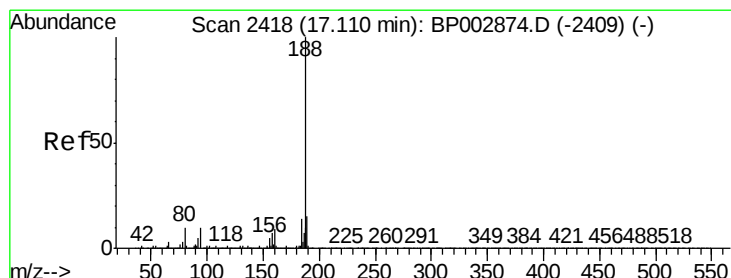
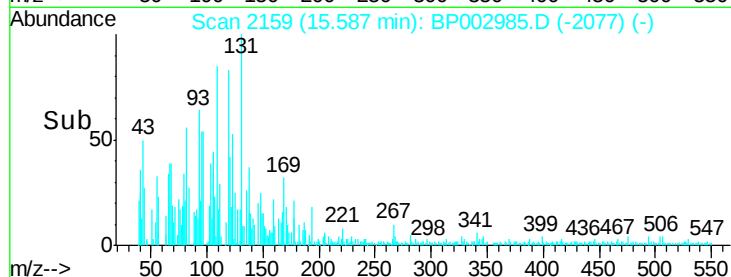
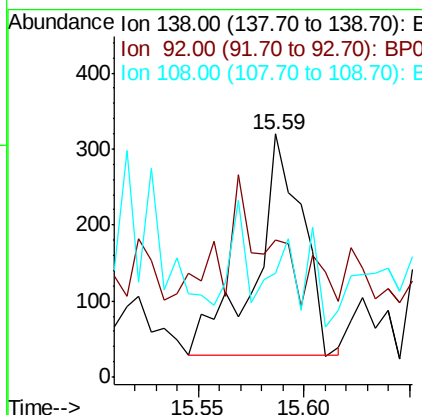
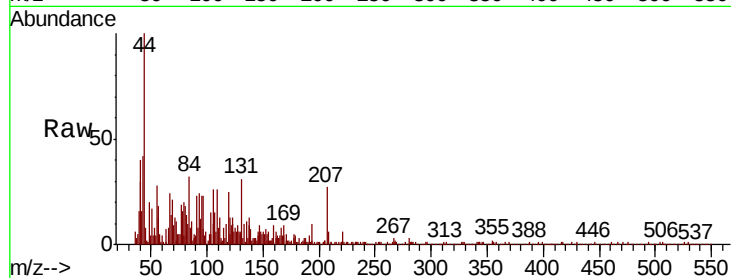




#62
4-Nitroaniline
Concen: 2.451 ng
RT: 15.59 min Scan# 2159
Delta R.T. 0.18 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

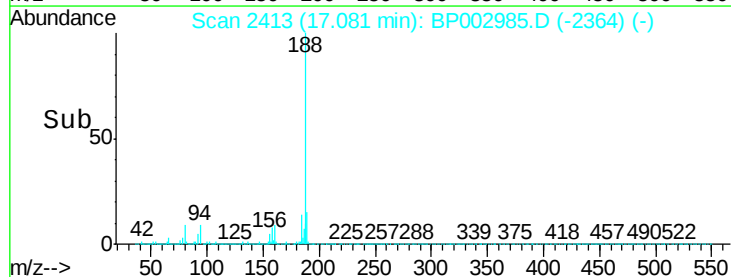
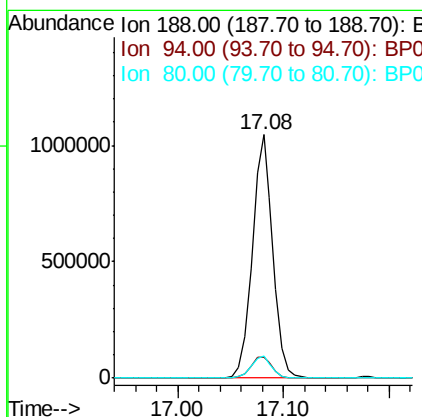
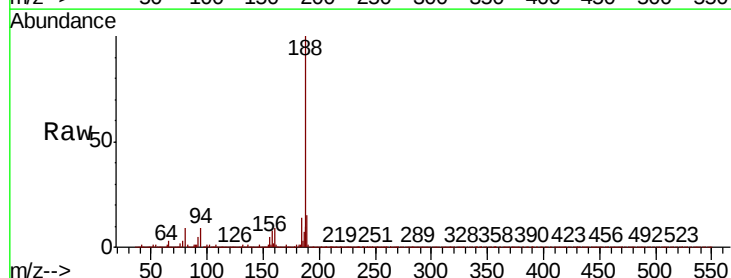
Instrument :
BNA_P
ClientSampled :
SP1-2

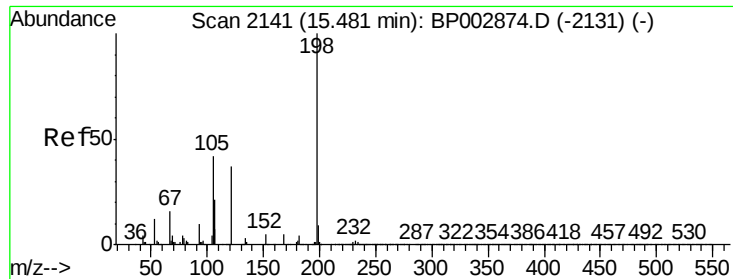
Tot Ion:138 Resp: 451
Ion Ratio Lower Upper
138 100
92 56.6 21.2 61.2
108 42.5 40.5 80.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

Tgt Ion:188 Resp: 1404619
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.0 7.0 10.6

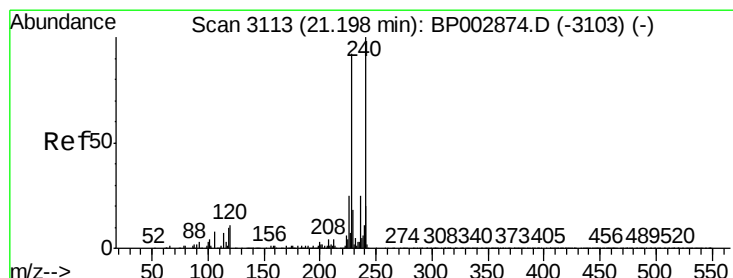
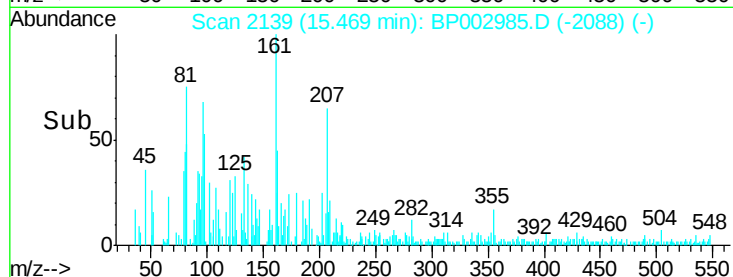
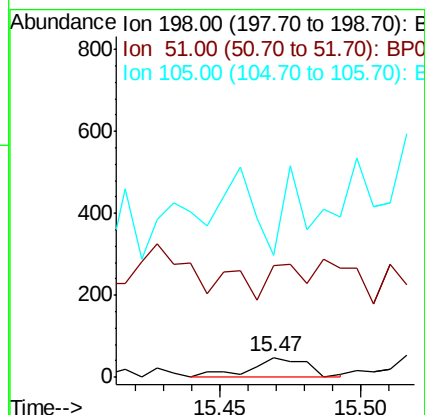
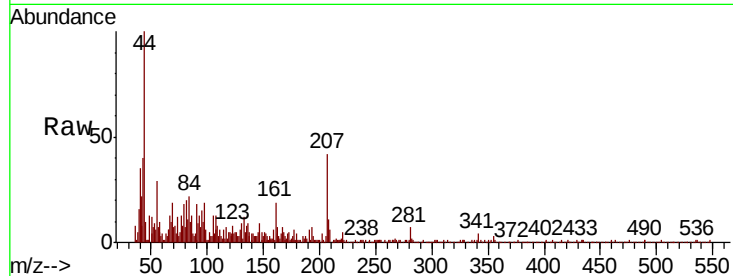




#65
4,6-Dinitro-2-methylphenol
Concen: 6.908 ng
RT: 15.47 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

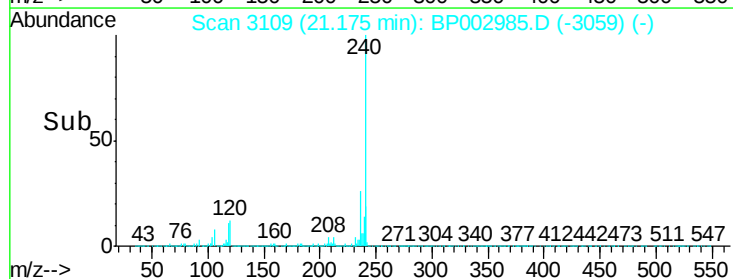
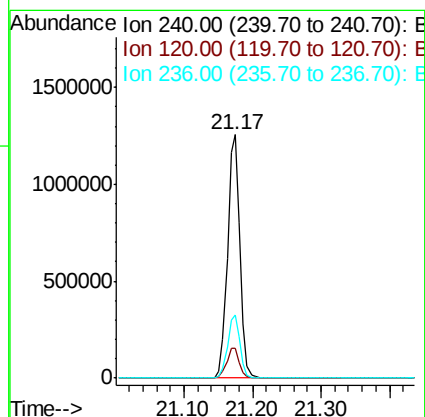
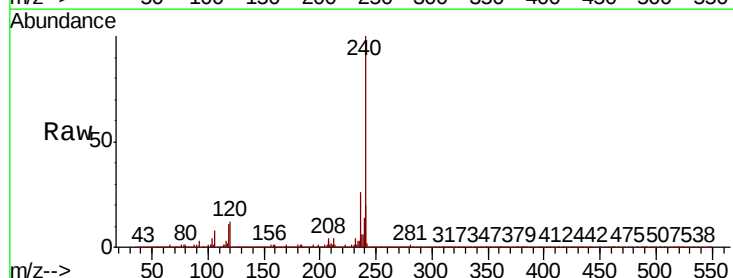
Instrument :
BNA_P
ClientSampled :
SP1-2

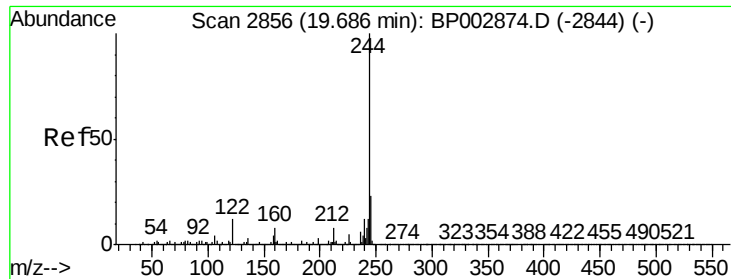
Tot Ion:198 Resp: 68
Ion Ratio Lower Upper
198 100
51 557.1 6.5 46.5#
105 608.2 20.4 60.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

Tgt Ion:240 Resp: 1579577
Ion Ratio Lower Upper
240 100
120 12.0 10.6 16.0
236 25.9 20.7 31.1





#79

Terphenyl-d14

Concen: 52.979 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BP002985.D

Acq: 14 Aug 2020 15:21

Instrument :

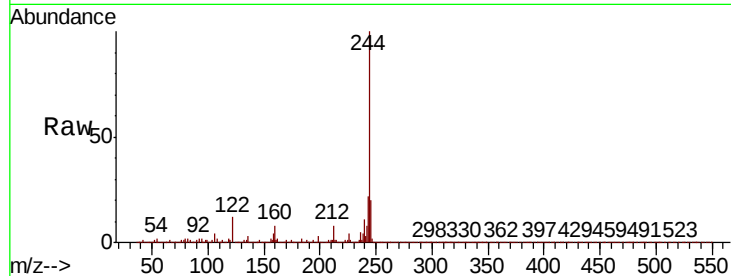
BNA_P

ClientSampleId :

SP1-2

Tot Ion:244 Resp: 4180117

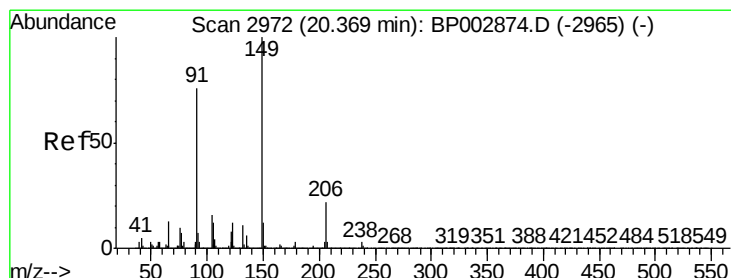
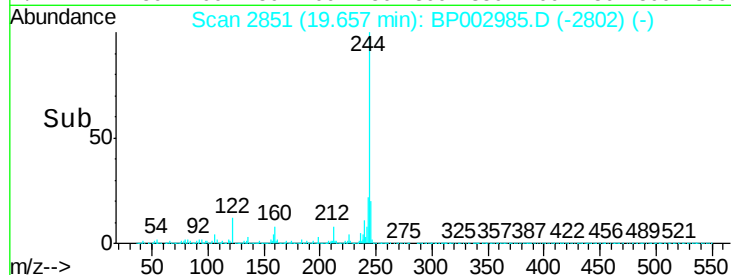
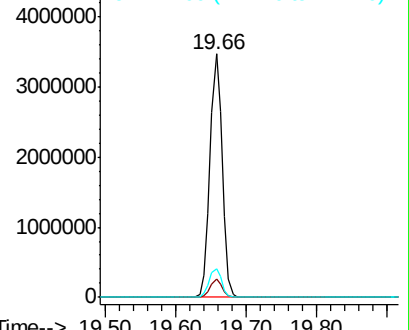
Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	11.7	9.9	14.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 3.233 ng

RT: 20.34 min Scan# 2967

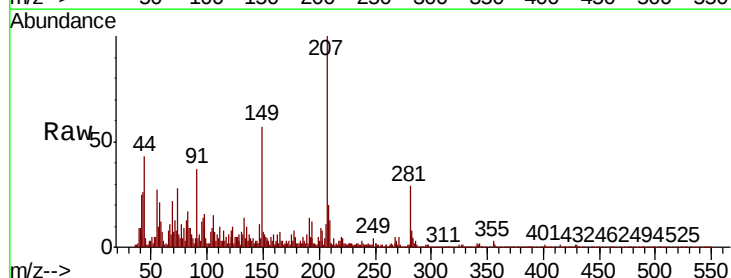
Delta R.T. -0.01 min

Lab File: BP002985.D

Acq: 14 Aug 2020 15:21

Tgt Ion:149 Resp: 8412

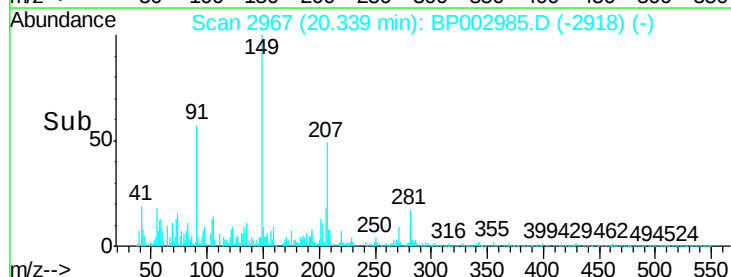
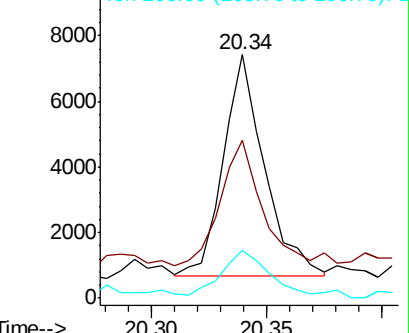
Ion	Ratio	Lower	Upper
149	100		
91	64.6	46.5	69.7
206	19.8	17.2	25.8

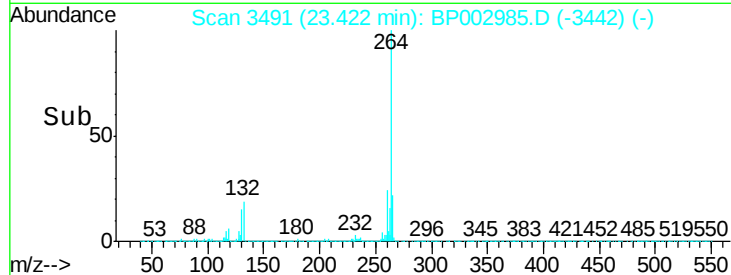
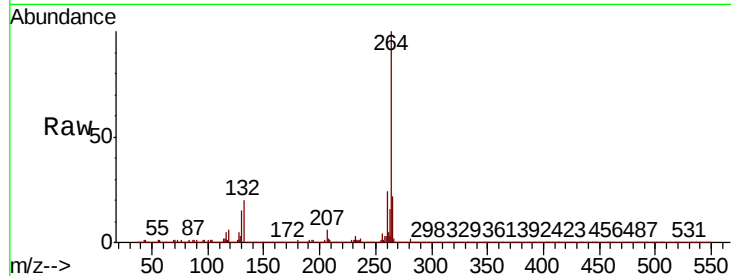
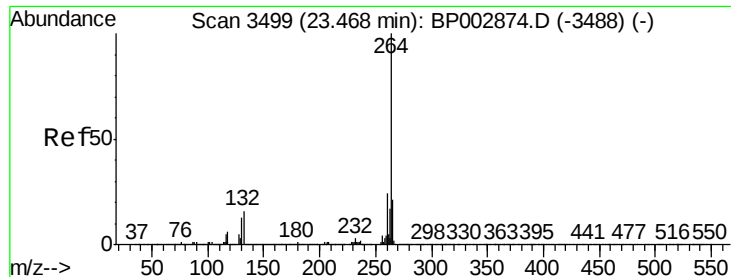


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3491
Delta R.T. -0.01 min
Lab File: BP002985.D
Acq: 14 Aug 2020 15:21

Instrument :
BNA_P
ClientSampleId :
SP1-2

Tot Ion:264 Resp: 1861993

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	21.6	17.6	26.4

