

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002951.D
 Acq On : 12 Aug 2020 16:12
 Operator : CG/JU
 Sample : L3645-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3

Quant Time: Aug 12 17:18:19 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	7.70	152	284918	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	1162047	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	693418	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1449805	20.00	ng	0.00
76) Chrysene-d12	21.18	240	1649503	20.00	ng	0.00
86) Perylene-d12	23.43	264	1990182	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	2050841	110.17	ng	0.00
7) Phenol-d6	6.88	99	2486107	96.19	ng	0.00
23) Nitrobenzene-d5	8.84	82	1371140	63.91	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	932259	108.17	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	3526433	69.48	ng	0.00
79) Terphenyl-d14	19.66	244	4482531	54.40	ng	0.00

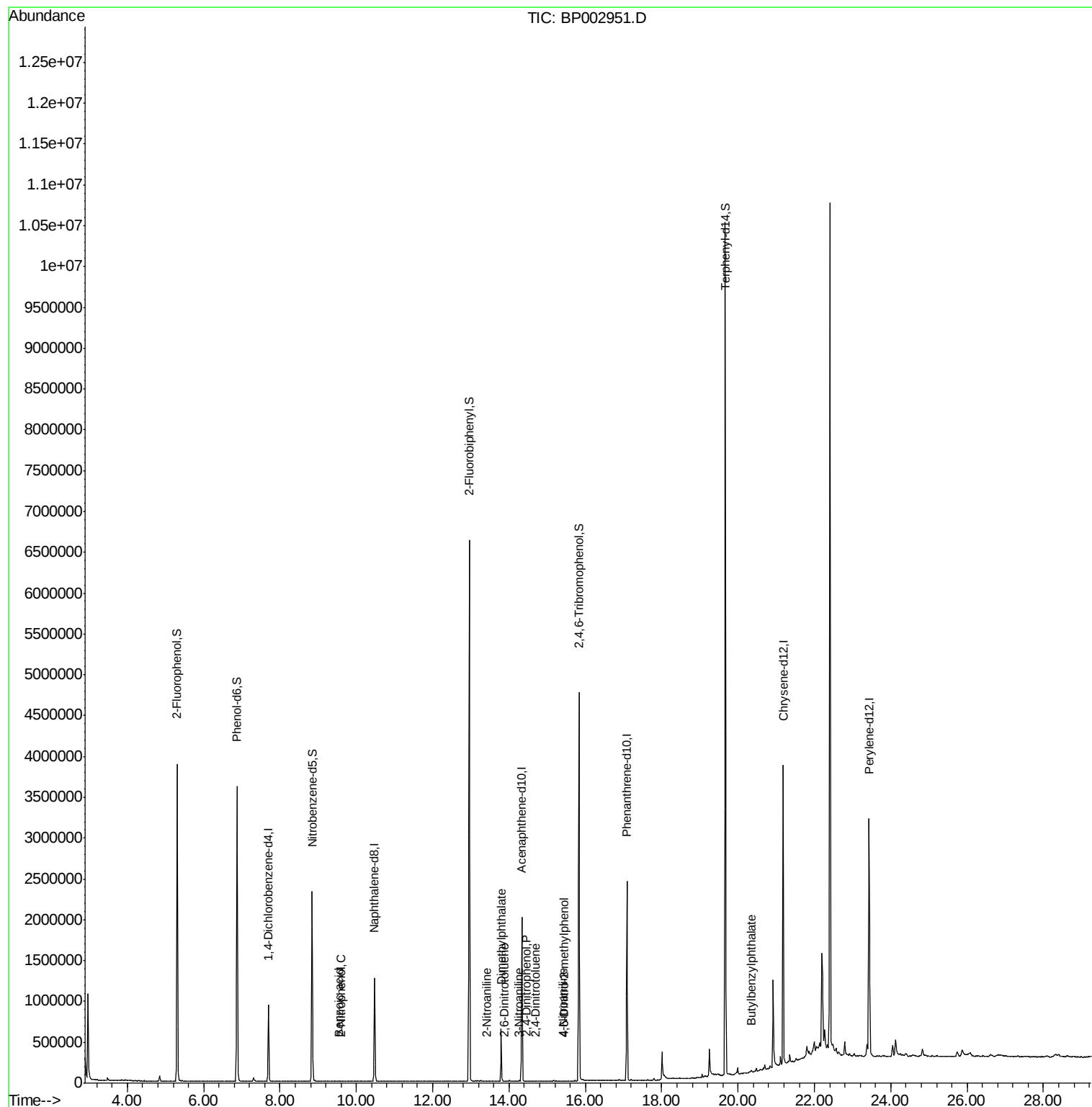
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
26) 2-Nitrophenol	9.60	139	137	4.533	ng	# 51
32) Benzoic acid	9.55	122	195	7.701	ng	# 90
48) 2-Nitroaniline	13.41	65	65	3.977	ng	# 18
50) Dimethylphthalate	13.79	163	451680	8.328	ng	# 99
51) 2,6-Dinitrotoluene	13.88	165	204	2.915	ng	# 95
53) 3-Nitroaniline	14.25	138	100	3.281	ng	# 52
54) 2,4-Dinitrophenol	14.46	184	23	8.061	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	123	3.813	ng	# 53
62) 4-Nitroaniline	15.41	138	198	2.431	ng	# 69
65) 4,6-Dinitro-2-methylphenol	15.45	198	30	6.904	ng	# 1
80) Butylbenzylphthalate	20.35	149	1565	3.089	ng	# 70

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

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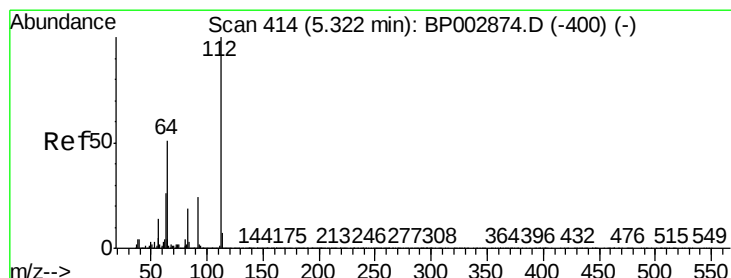
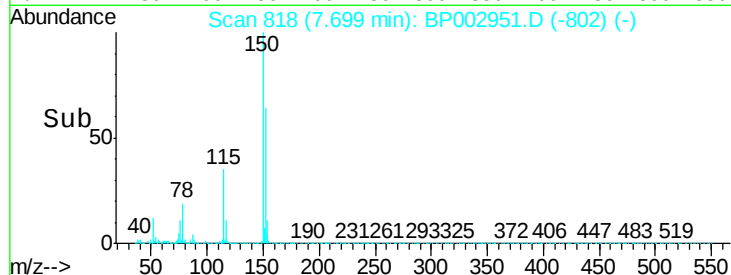
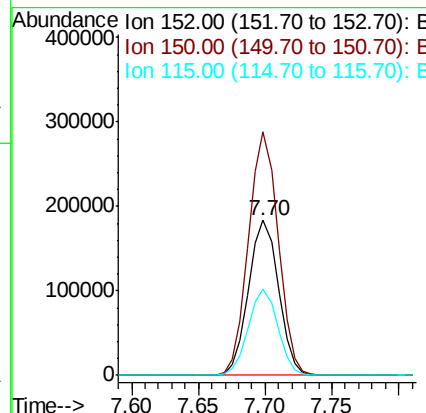
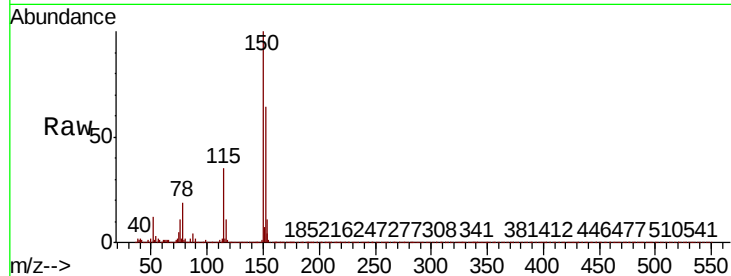


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

Instrument :
BNA_P
ClientSampleId :
SB-3

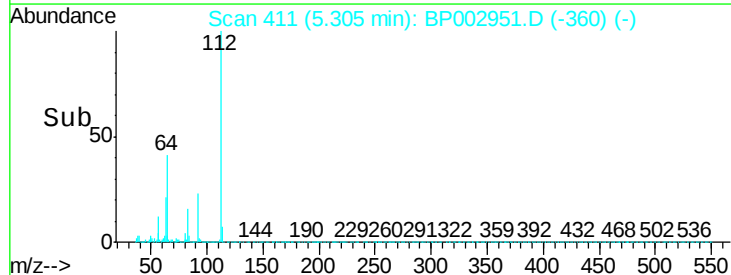
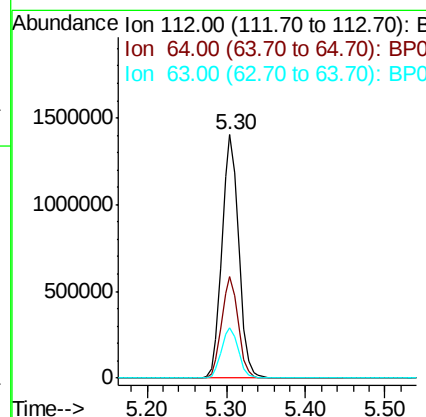
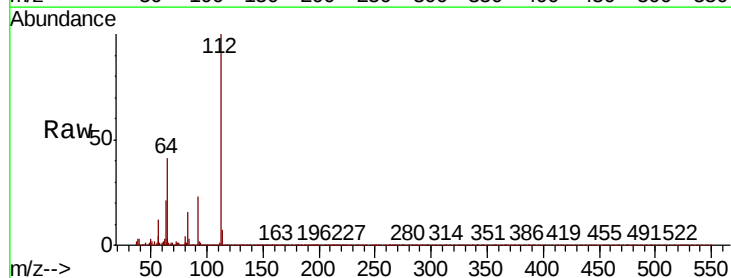
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.2	186.4
115	55.7	42.1	63.1

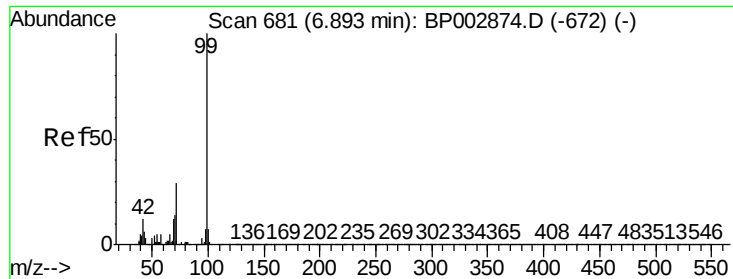


#5

2-Fluorophenol
Concen: 110.165 ng
RT: 5.30 min Scan# 411
Delta R.T. -0.00 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.5	33.8	50.8
63	20.7	17.2	25.8





#7

Phenol-d6

Concen: 96.189 ng

RT: 6.88 min Scan# 678

Delta R.T. -0.01 min

Lab File: BP002951.D

Acq: 12 Aug 2020 16:12

Instrument :

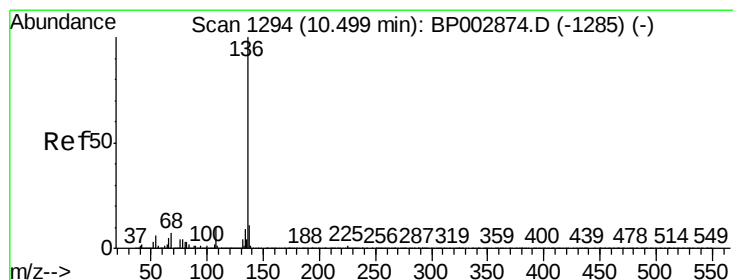
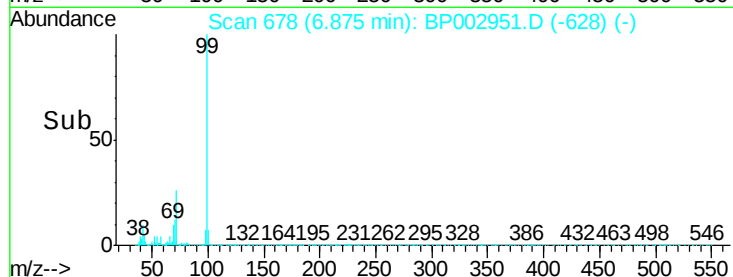
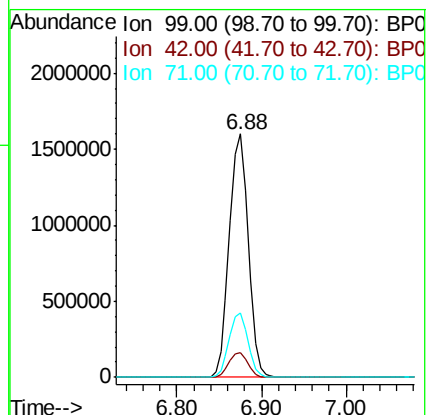
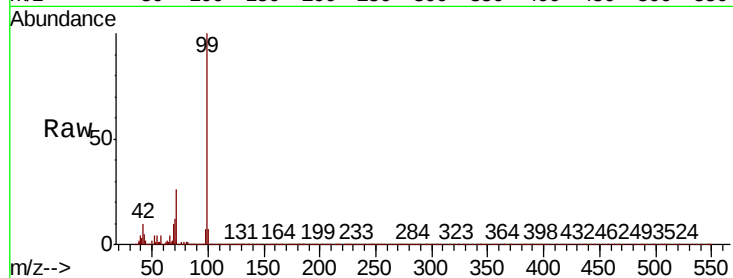
BNA_P

ClientSampleId :

SB-3

Tot Ion: 99 Resp: 2486107

Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.1	12.1
71	26.3	21.0	31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1290

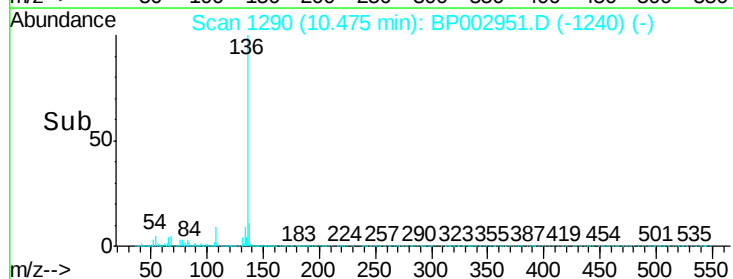
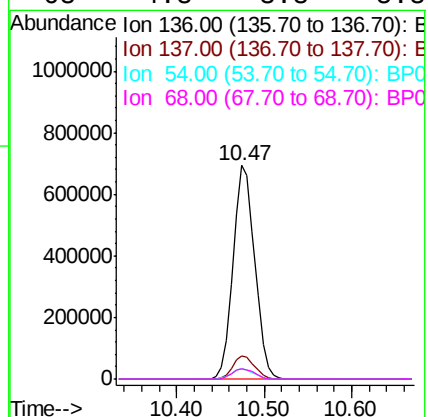
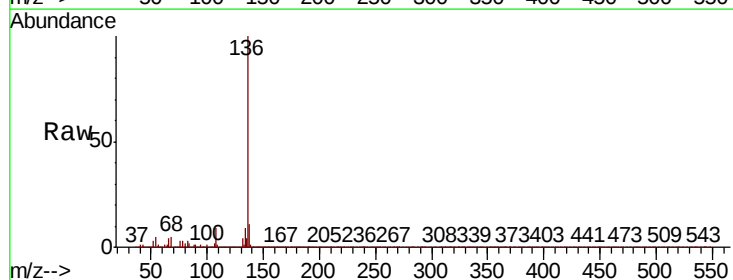
Delta R.T. -0.01 min

Lab File: BP002951.D

Acq: 12 Aug 2020 16:12

Tgt Ion: 136 Resp: 1162047

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	5.0	3.9	5.9
68	4.8	3.8	5.8

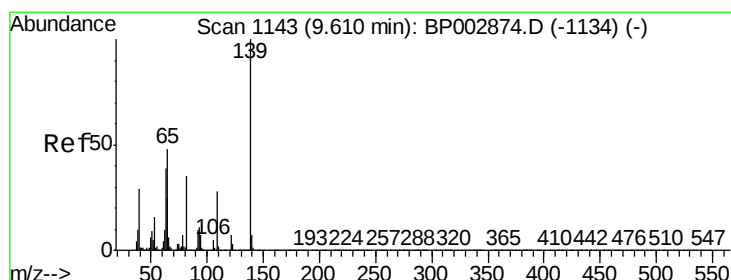
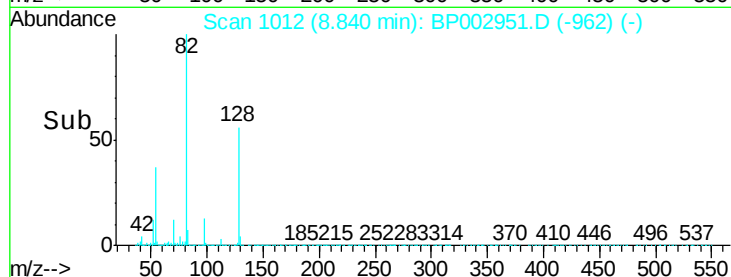
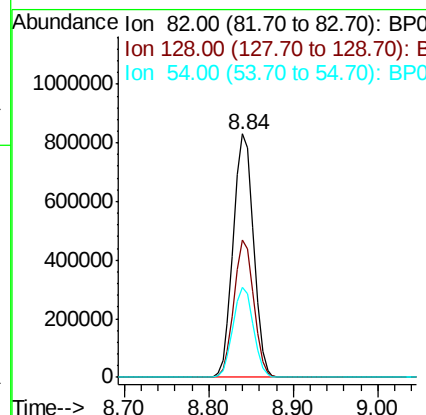
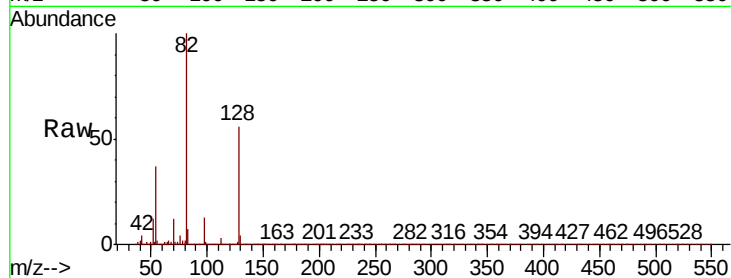




#23
Nitrobenzene-d5
Concen: 63.908 ng
RT: 8.84 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

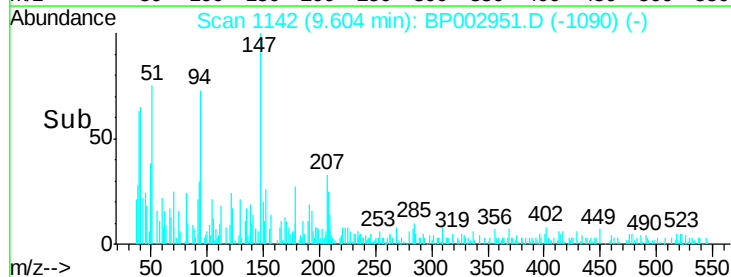
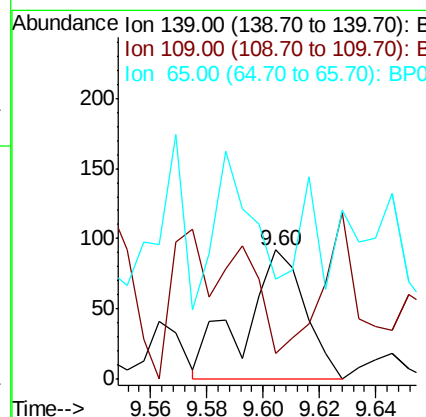
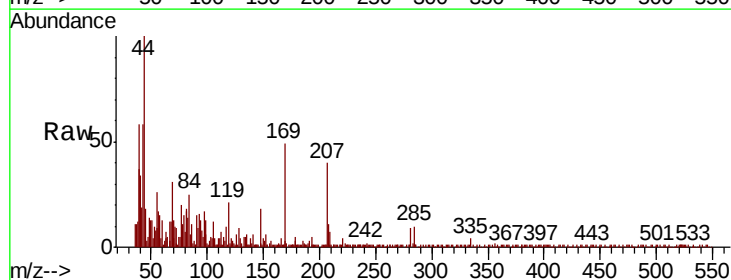
Instrument :
BNA_P
ClientSampled :
SB-3

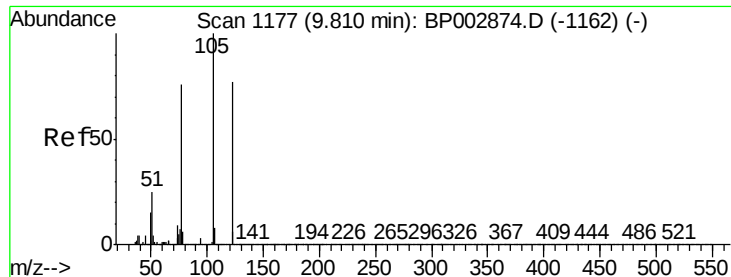
Tot Ion: 82 Resp: 1371140
Ion Ratio Lower Upper
82 100
128 56.4 44.6 66.8
54 36.9 29.2 43.8



#26
2-Nitrophenol
Concen: 4.533 ng
RT: 9.60 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

Tgt Ion: 139 Resp: 137
Ion Ratio Lower Upper
139 100
109 19.6 19.5 29.3
65 77.2 26.6 40.0#

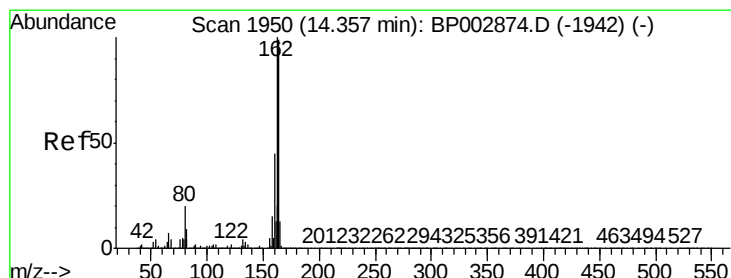
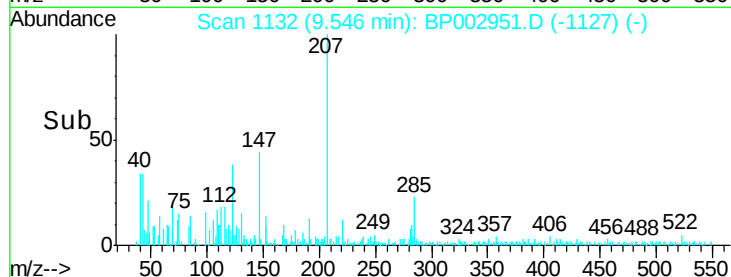
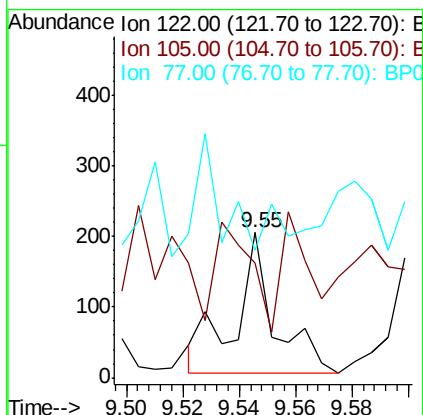
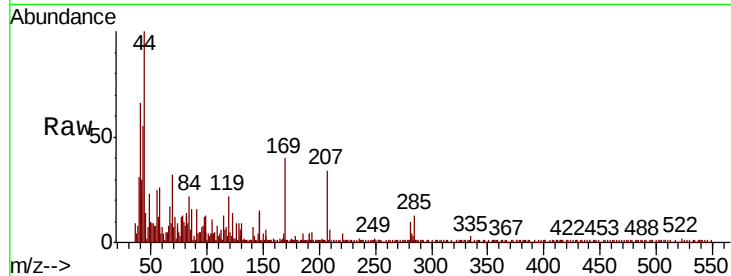




#32
Benzoic acid
Concen: 7.701 ng
RT: 9.55 min Scan# 1132
Delta R.T. -0.27 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

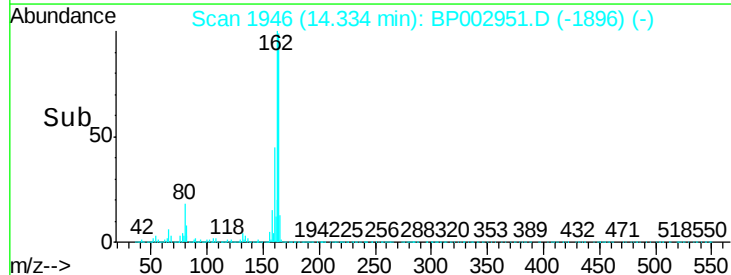
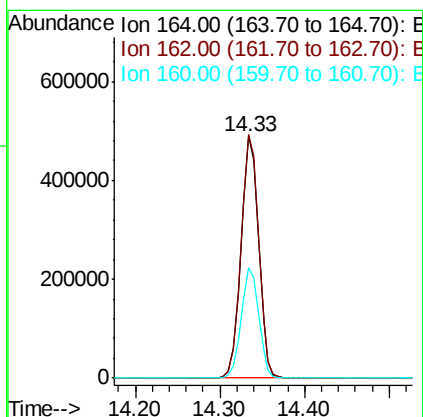
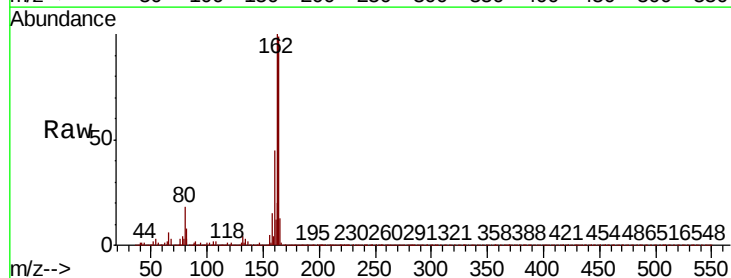
Instrument :
BNA_P
ClientSampleId :
SB-3

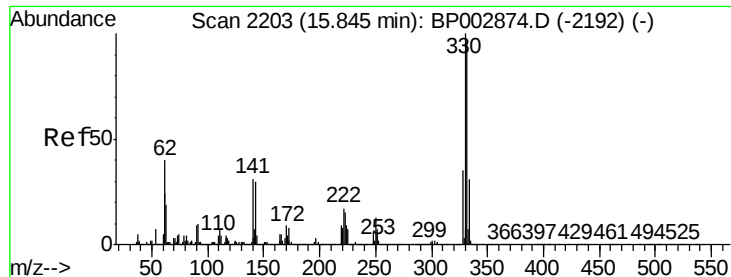
Tot Ion	Ratio	Lower	Upper
122	100		
105	108.7	95.8	135.8
77	87.9	54.7	94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.0	121.4
160	45.6	36.2	54.4

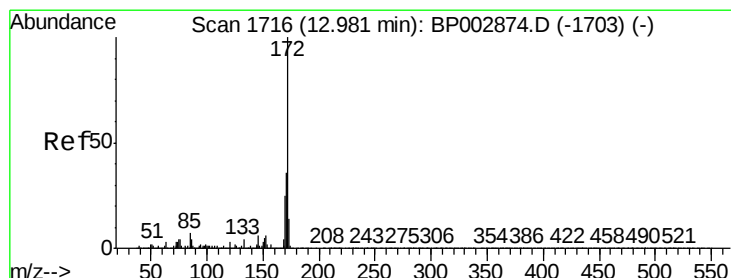
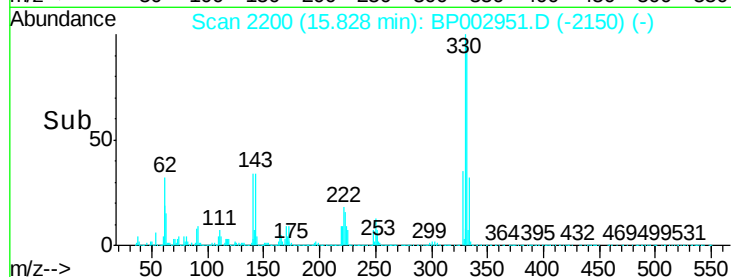
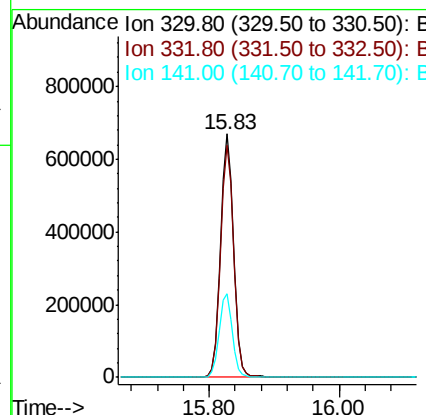
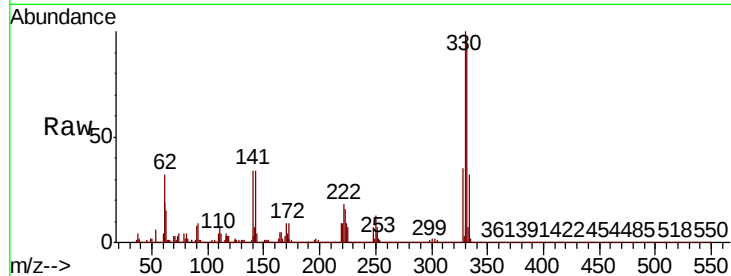




#42
2,4,6-Tribromophenol
Concen: 108.171 ng
RT: 15.83 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

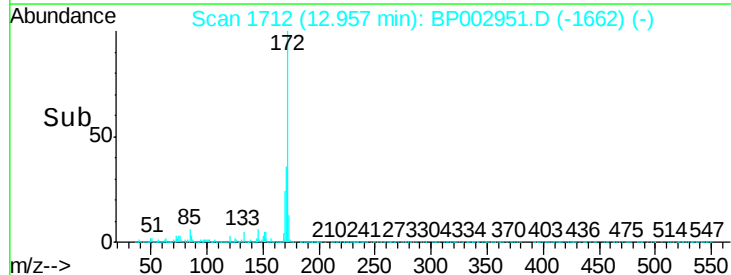
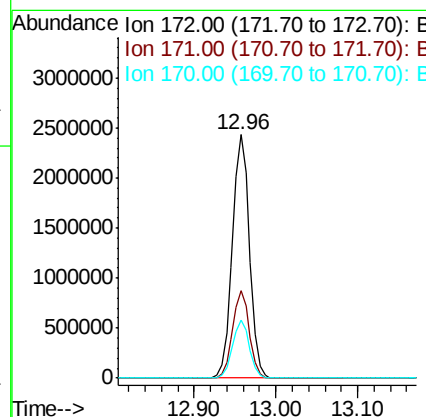
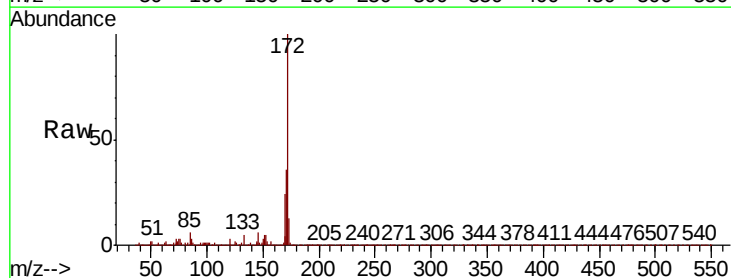
Instrument :
BNA_P
ClientSampleId :
SB-3

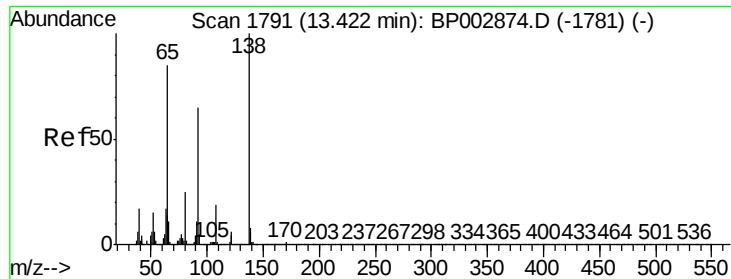
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.4
141	34.7	28.6	43.0



#45
2-Fluorobiphenyl
Concen: 69.484 ng
RT: 12.96 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	23.7	19.6	29.4





#48

2-Nitroaniline

Concen: 3.977 ng

RT: 13.41 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BP002951.D

Acq: 12 Aug 2020 16:12

Instrument :

BNA_P

ClientSampleId :

SB-3

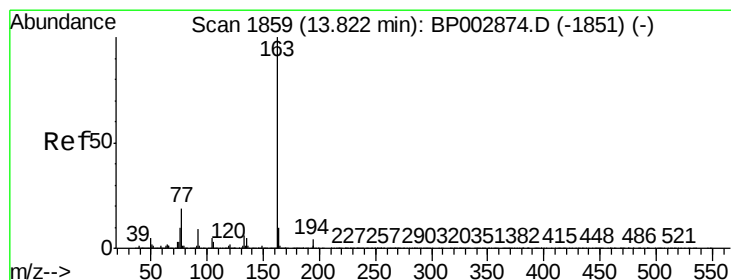
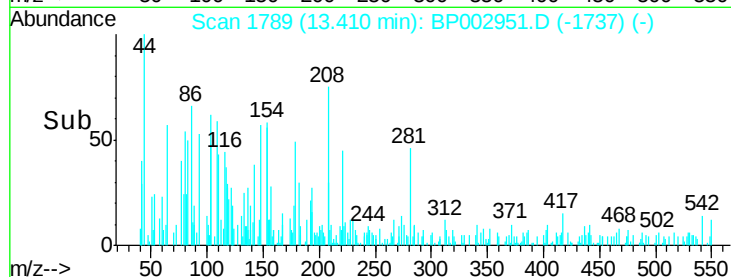
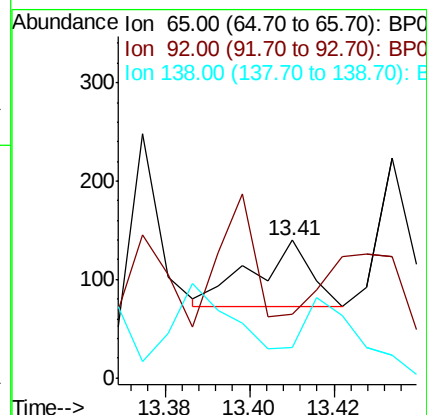
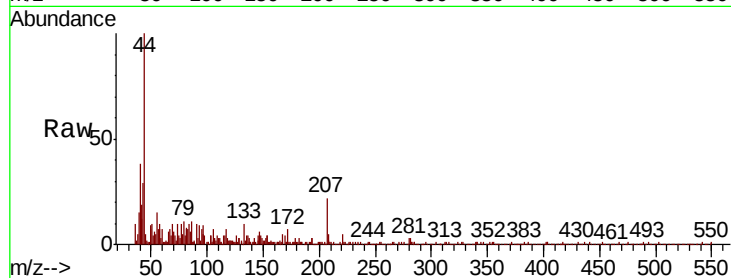
Tot Ion: 65 Resp: 65

Ion Ratio Lower Upper

65 100

92 46.4 69.6 104.4#

138 22.1 125.6 188.4#



#50

Dimethylphthalate

Concen: 8.328 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BP002951.D

Acq: 12 Aug 2020 16:12

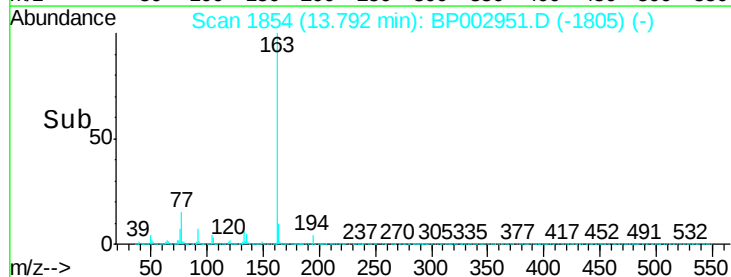
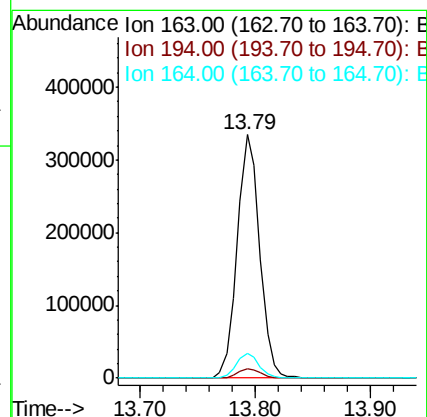
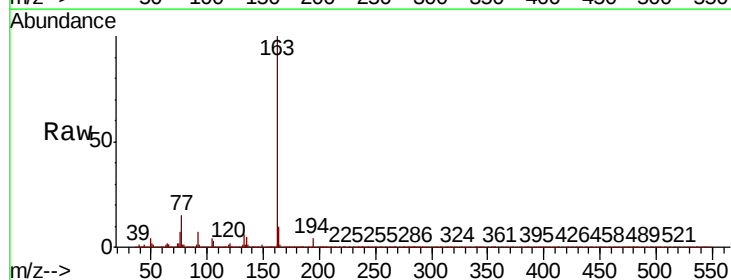
Tgt Ion: 163 Resp: 451680

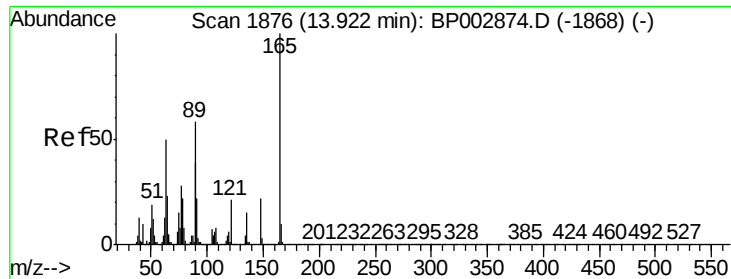
Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

164 10.1 8.2 12.4

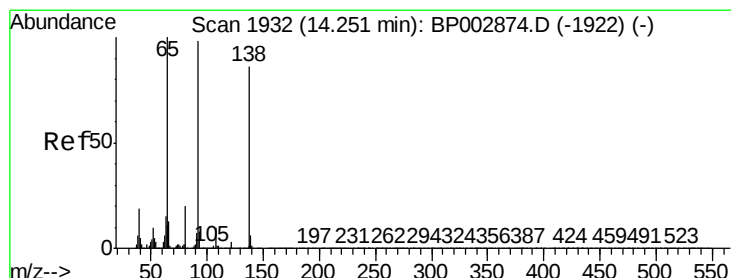
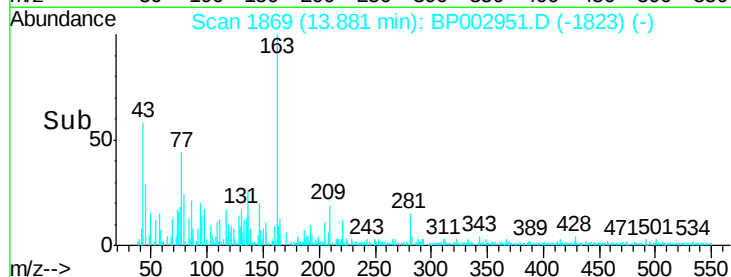
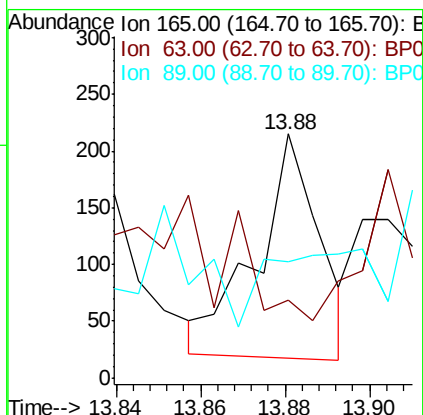
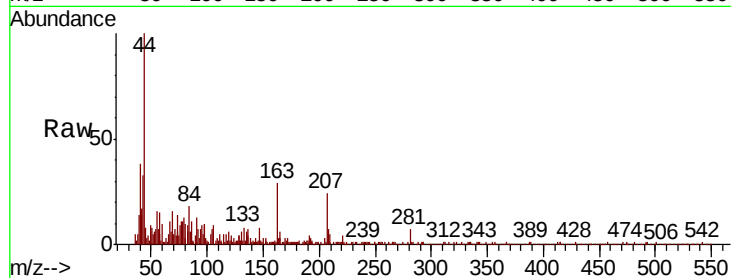




#51
2,6-Dinitrotoluene
Concen: 2.915 ng
RT: 13.88 min Scan# 1869
Delta R.T. -0.03 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

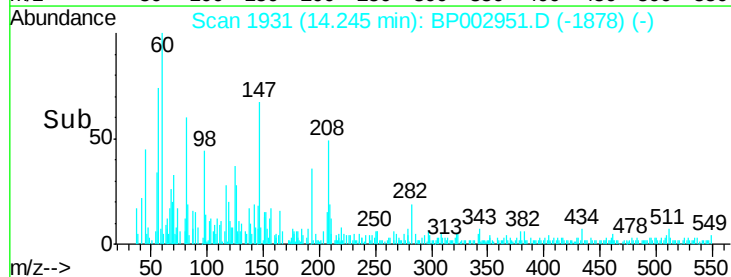
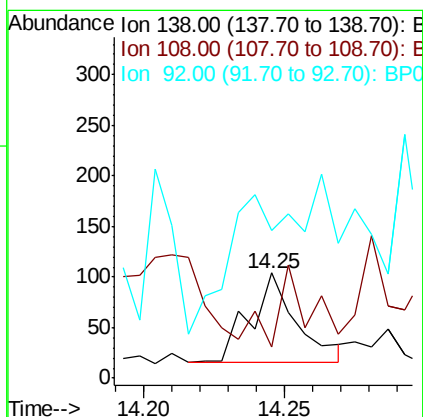
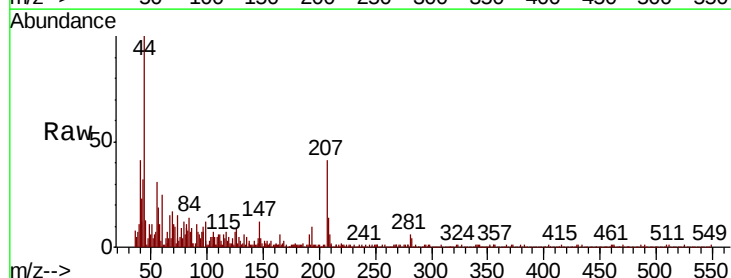
Instrument :
BNA_P
ClientSampleId :
SB-3

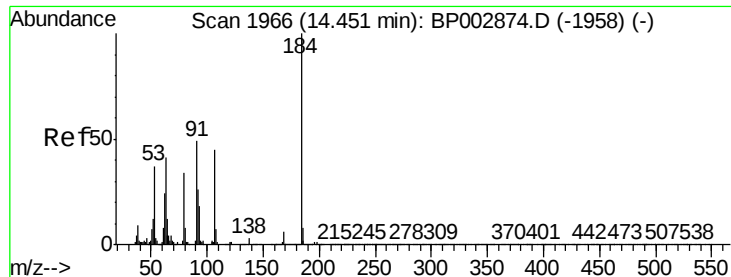
Tot Ion:165 Resp: 204
Ion Ratio Lower Upper
165 100
63 32.1 27.5 41.3
89 47.4 35.3 52.9



#53
3-Nitroaniline
Concen: 3.281 ng
RT: 14.25 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

Tgt Ion:138 Resp: 100
Ion Ratio Lower Upper
138 100
108 29.8 7.2 10.8#
92 140.4 75.8 113.6#

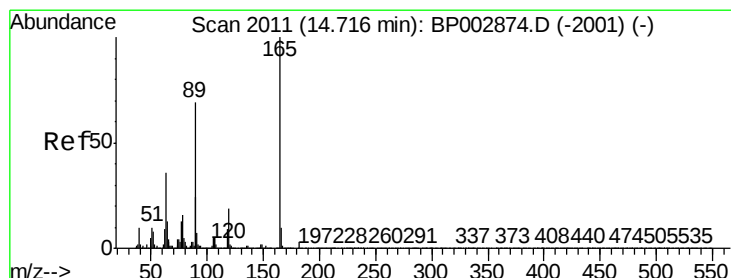
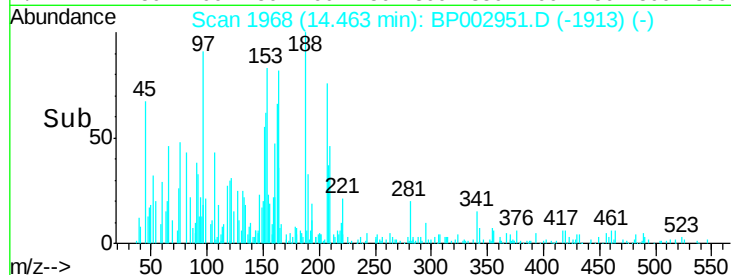
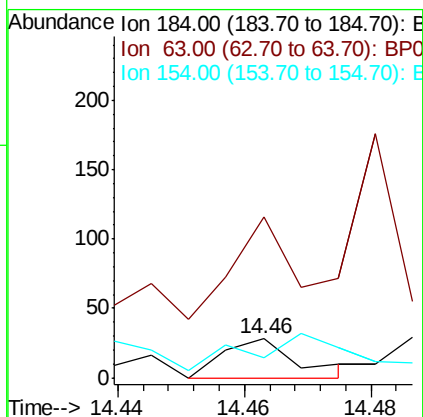
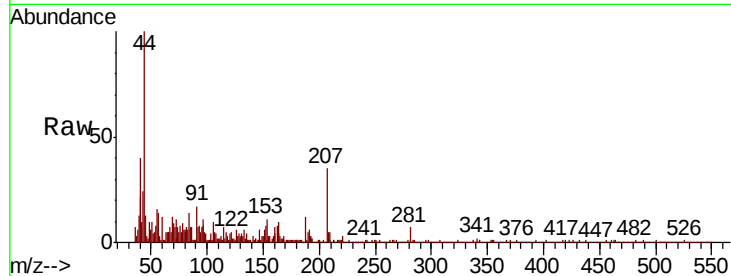




#54
2,4-Dinitrophenol
Concen: 8.061 ng
RT: 14.46 min Scan# 1968
Delta R.T. 0.02 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

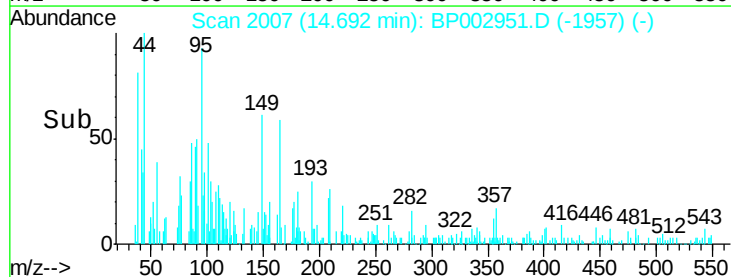
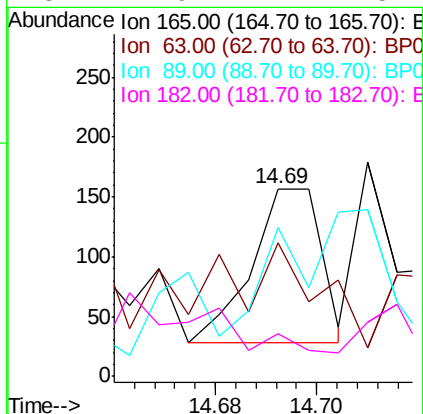
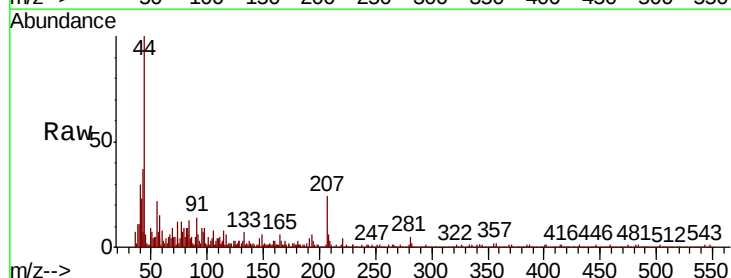
Instrument :
BNA_P
ClientSampleId :
SB-3

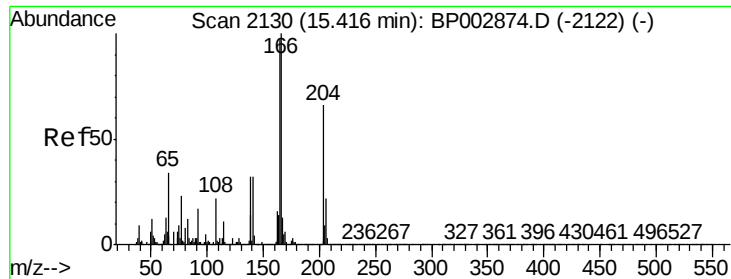
Tot Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 414.3 36.4 54.6#
154 50.0 46.6 69.8



#57
2,4-Dinitrotoluene
Concen: 3.813 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

Tgt Ion:165 Resp: 123
Ion Ratio Lower Upper
165 100
63 71.3 22.6 34.0#
89 79.0 46.2 69.2#
182 22.9 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.431 ng

RT: 15.41 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BP002951.D

Acq: 12 Aug 2020 16:12

Instrument :

BNA_P

ClientSampleId :

SB-3

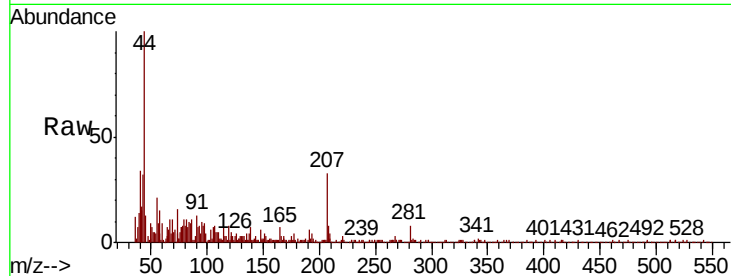
Tot Ion:138 Resp: 198

Ion Ratio Lower Upper

138 100

92 88.4 21.2 61.2#

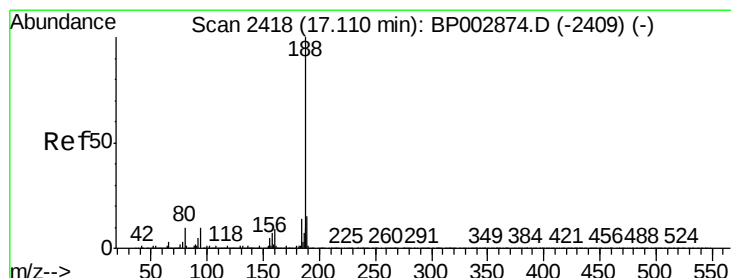
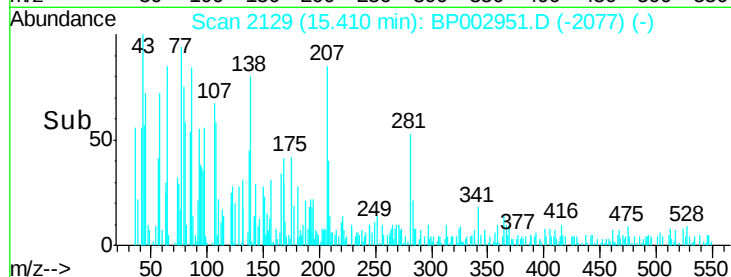
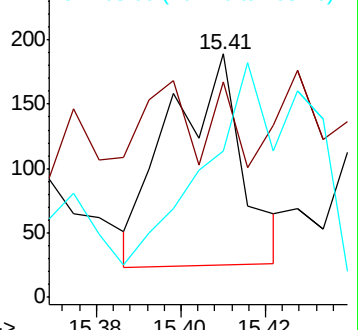
108 60.3 40.5 80.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP002951.D

Acq: 12 Aug 2020 16:12

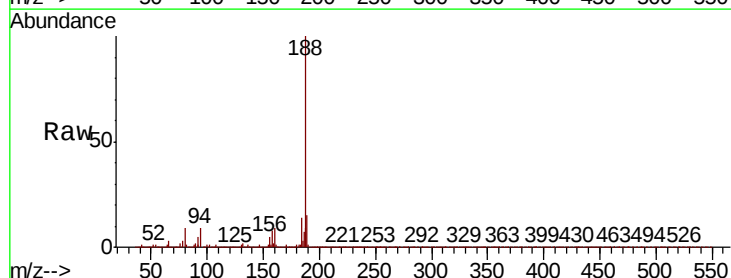
Tgt Ion:188 Resp: 1449805

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

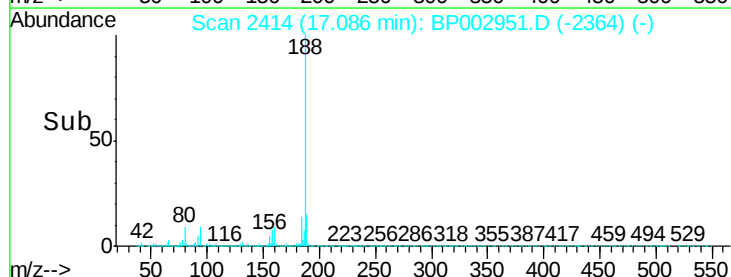
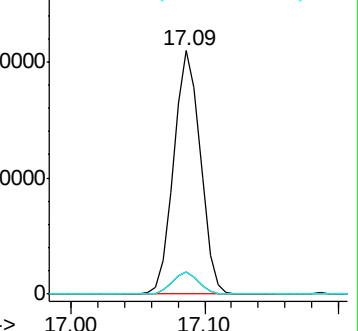
80 9.1 7.0 10.6

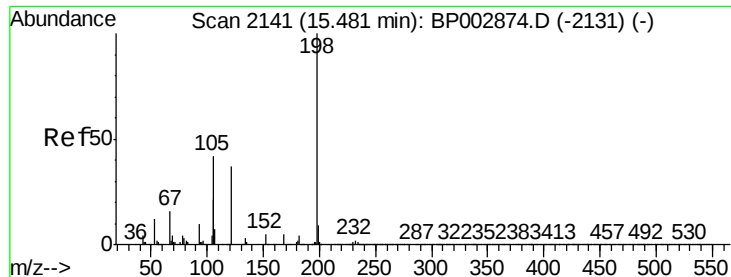


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

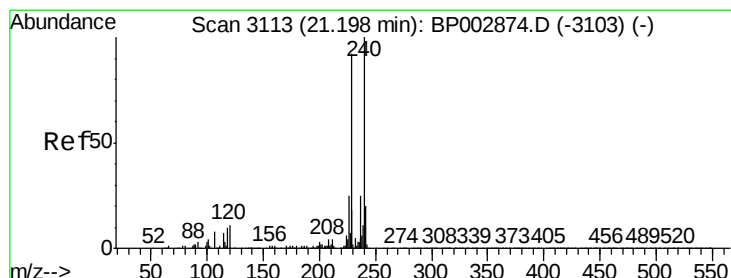
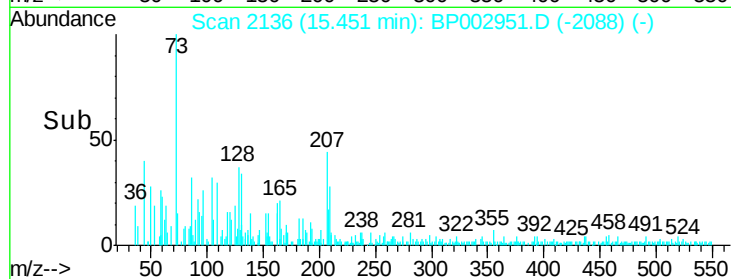
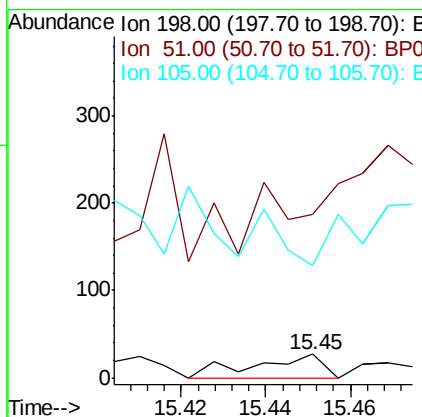
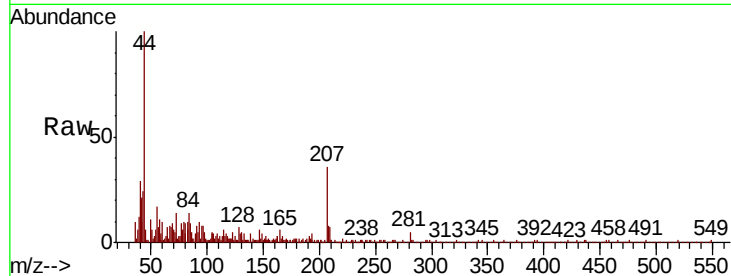




#65
4,6-Dinitro-2-methylphenol
Concen: 6.904 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

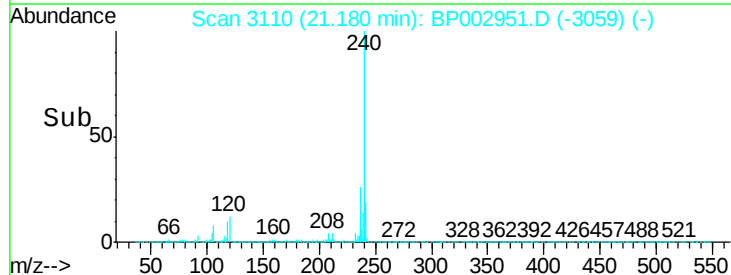
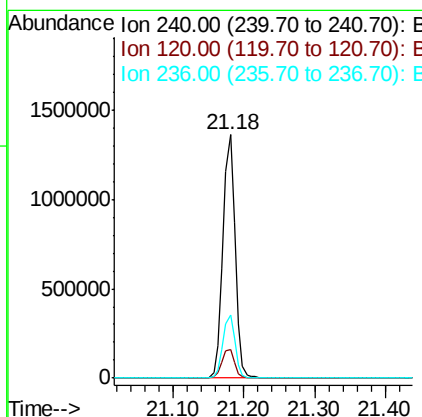
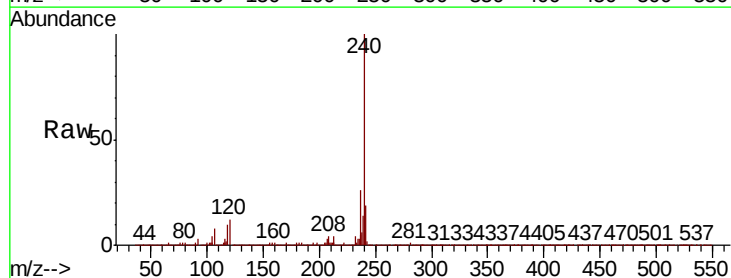
Instrument :
BNA_P
ClientSampled :
SB-3

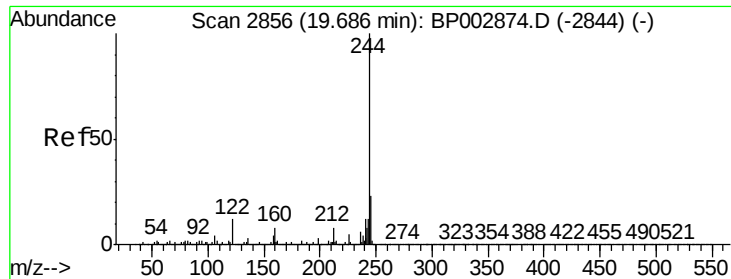
Tot Ion:198 Resp: 30
Ion Ratio Lower Upper
198 100
51 692.6 6.5 46.5#
105 477.8 20.4 60.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP002951.D
Acq: 12 Aug 2020 16:12

Tgt Ion:240 Resp: 1649503
Ion Ratio Lower Upper
240 100
120 11.7 10.6 16.0
236 25.7 20.7 31.1





#79

Terphenyl-d14

Concen: 54.403 ng

RT: 19.66 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BP002951.D

Acq: 12 Aug 2020 16:12

Instrument :

BNA_P

ClientSampleId :

SB-3

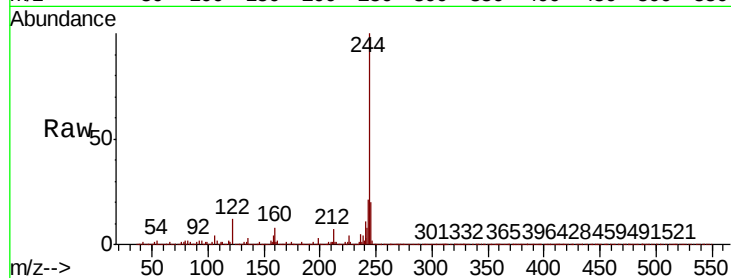
Tot Ion:244 Resp: 4482531

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

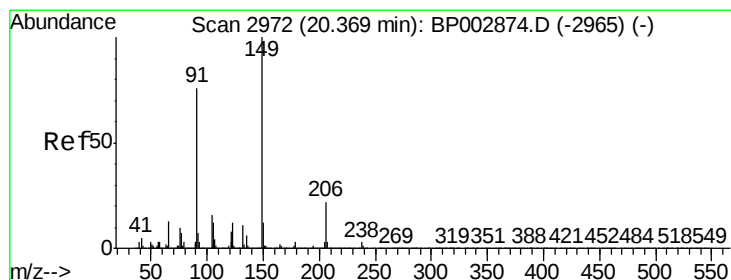
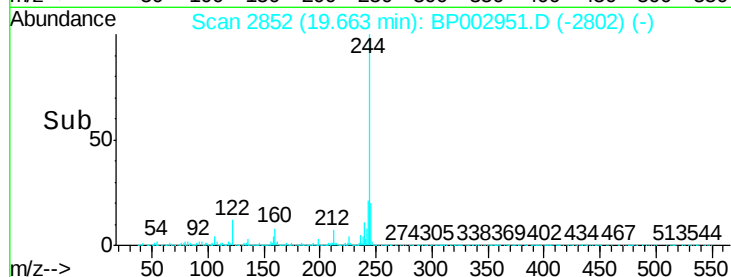
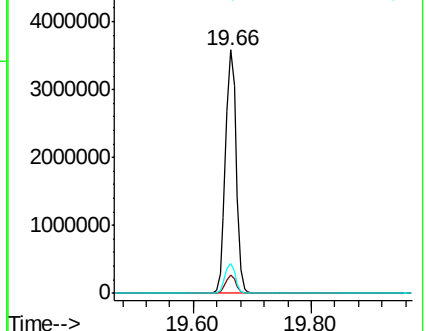
122 12.4 9.9 14.9



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: 3.089 ng

RT: 20.35 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BP002951.D

Acq: 12 Aug 2020 16:12

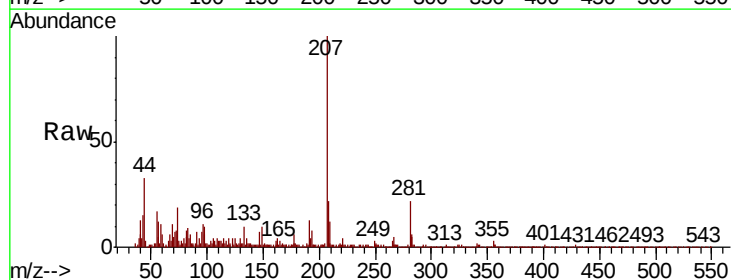
Tgt Ion:149 Resp: 1565

Ion Ratio Lower Upper

149 100

91 75.7 46.5 69.7#

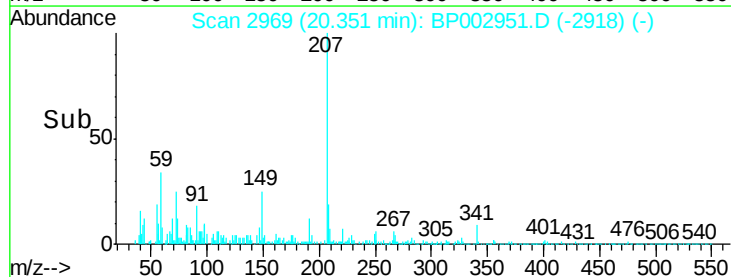
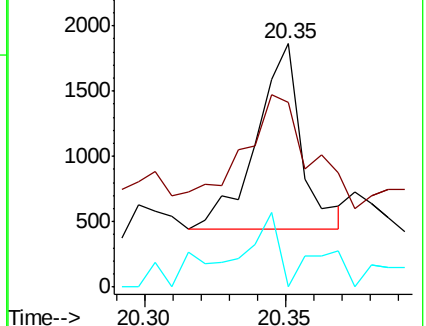
206 0.0 17.2 25.8#

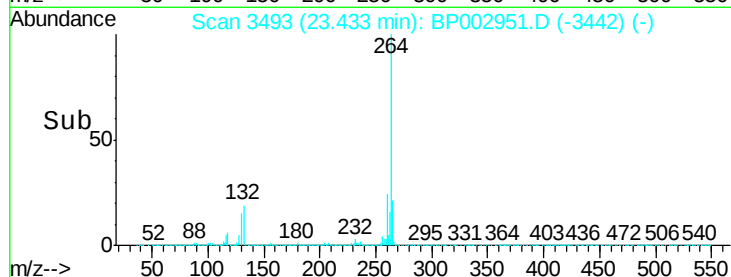
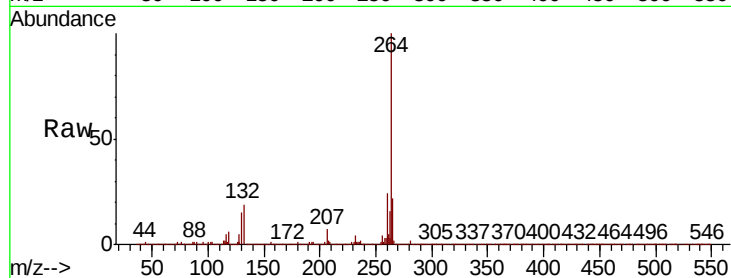
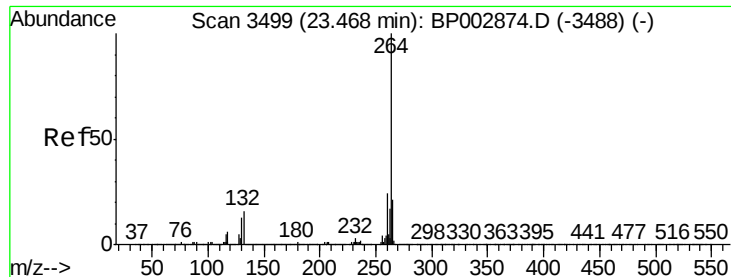


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.43 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BP002951.D

Acq: 12 Aug 2020 16:12

Instrument :

BNA_P

ClientSampleId :

SB-3

Tot Ion:264 Resp: 1990182

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.7 17.6 26.4

