

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
 Data File : BP002917.D
 Acq On : 06 Aug 2020 13:34
 Operator : CG/JU
 Sample : L3548-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-004

Quant Time: Aug 06 14:14:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	429654	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1638700	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1018449	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	2292869	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	2713096	20.00	ng	0.00
86) Perylene-d12	23.46	264	3013256	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	2856135	101.74	ng	0.00
7) Phenol-d6	6.89	99	3170811	81.35	ng	0.00
23) Nitrobenzene-d5	8.86	82	2338980	77.31	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	1702962	134.53	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5649594	75.79	ng	0.00
79) Terphenyl-d14	19.68	244	9395876	69.33	ng	0.00

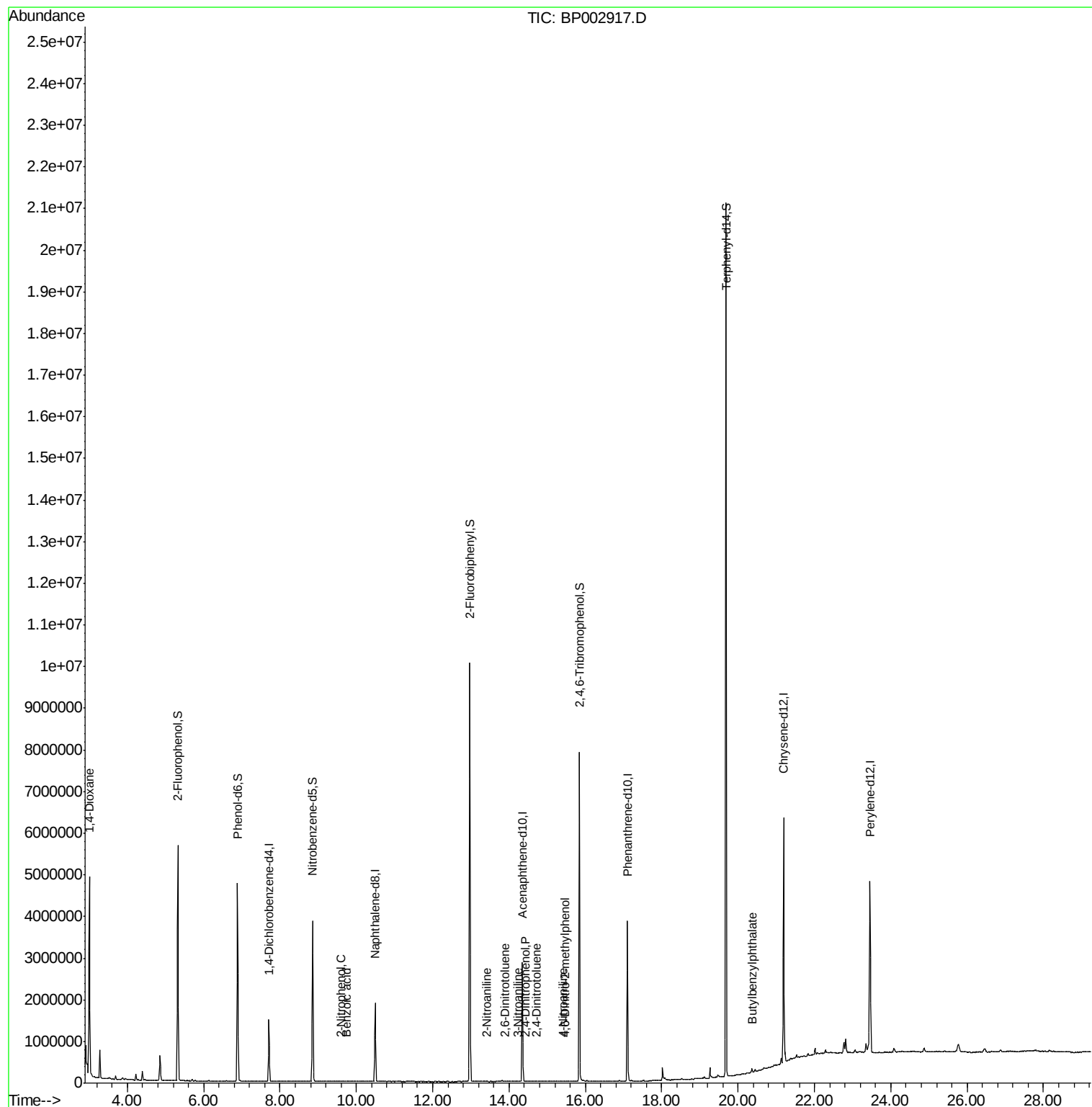
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.00	88	43632	3.621	ng	# 1
26) 2-Nitrophenol	9.59	139	101	4.527	ng	# 1
32) Benzoic acid	9.75	122	3969	7.905	ng	96
48) 2-Nitroaniline	13.42	65	327	3.990	ng	# 57
51) 2,6-Dinitrotoluene	13.91	165	722	2.937	ng	98
53) 3-Nitroaniline	14.24	138	174	3.282	ng	# 84
54) 2,4-Dinitrophenol	14.44	184	17	8.059	ng	# 1
57) 2,4-Dinitrotoluene	14.72	165	847	3.839	ng	# 79
62) 4-Nitroaniline	15.42	138	1379	2.487	ng	# 53
65) 4,6-Dinitro-2-methylphenol	15.46	198	157	6.911	ng	# 1
80) Butylbenzylphthalate	20.36	149	32662	3.455	ng	98

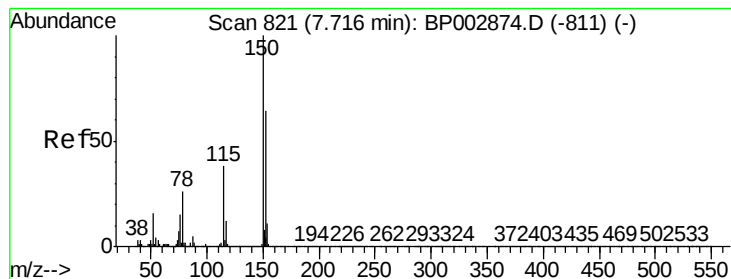
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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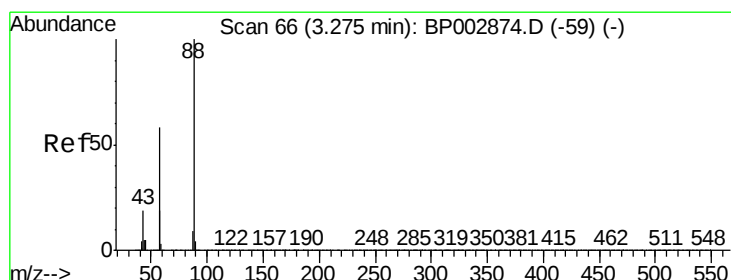
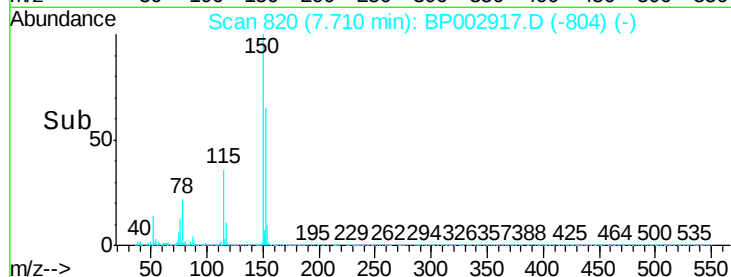
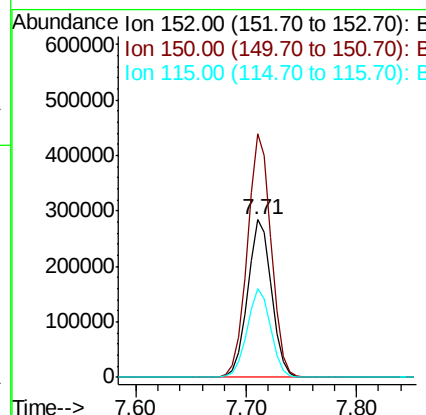
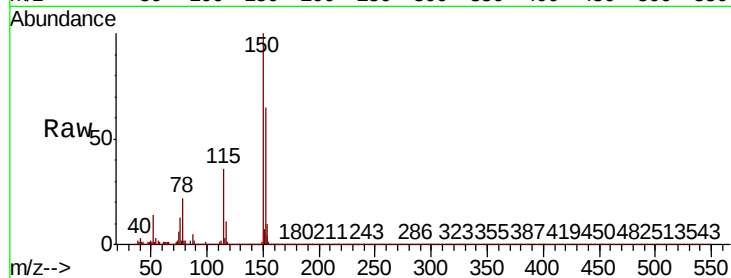


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

Instrument :
BNA_P
ClientSampled :
CRT-004

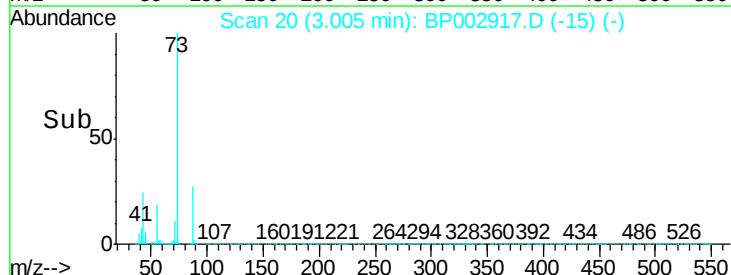
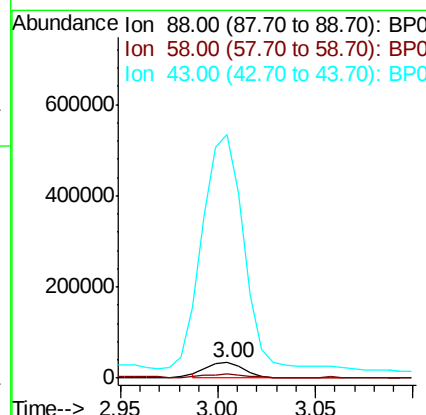
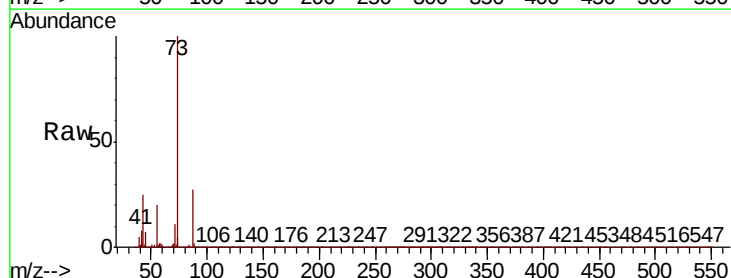
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.8	187.2
115	56.4	47.4	71.2

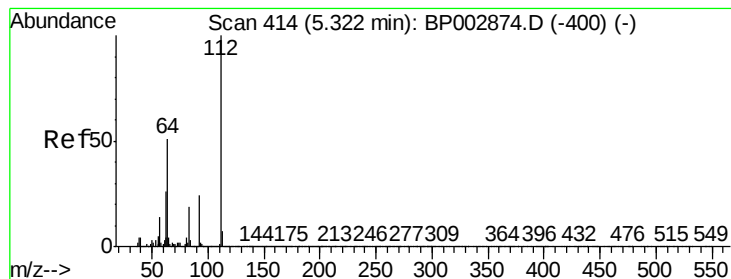


#2

1,4-Dioxane
Concen: 3.621 ng
RT: 3.00 min Scan# 20
Delta R.T. -0.27 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	22.2	47.4	71.0#
43	1670.6	15.2	22.8#





#5

2-Fluorophenol

Concen: 101.740 ng

RT: 5.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BP002917.D

Acq: 06 Aug 2020 13:34

Instrument :

BNA_P

ClientSampleId :

CRT-004

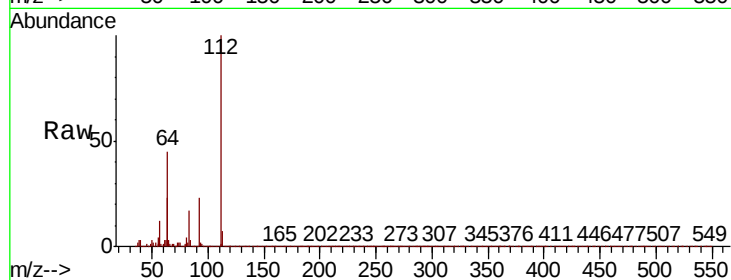
Tot Ion:112 Resp: 2856135

Ion Ratio Lower Upper

112 100

64 44.7 41.0 61.6

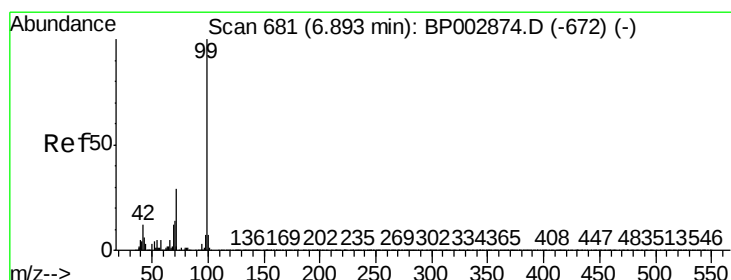
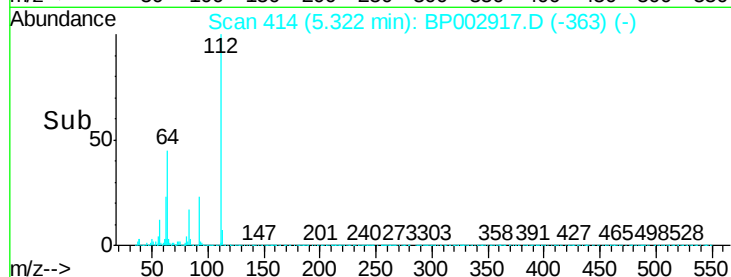
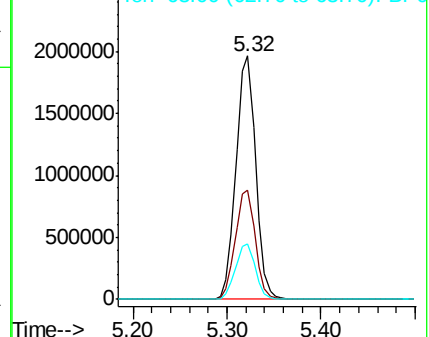
63 22.6 20.7 31.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 81.354 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002917.D

Acq: 06 Aug 2020 13:34

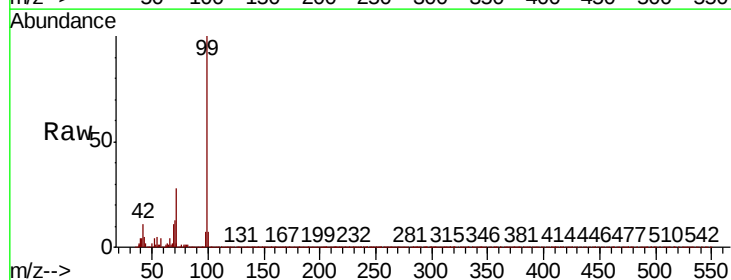
Tgt Ion: 99 Resp: 3170811

Ion Ratio Lower Upper

99 100

42 10.6 9.3 13.9

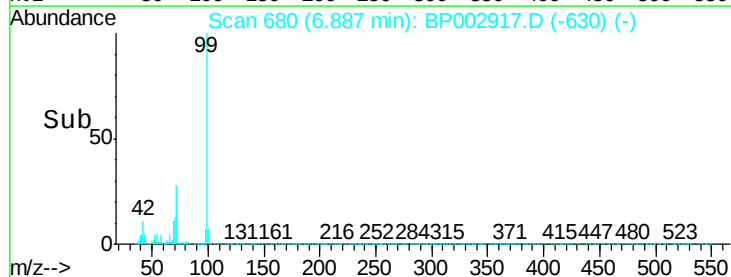
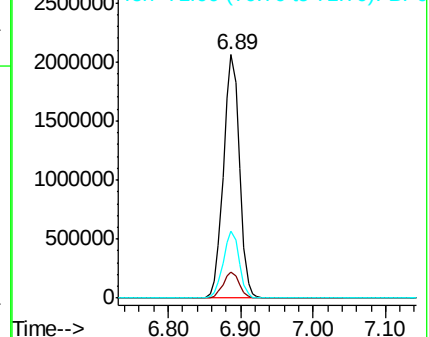
71 27.5 23.5 35.3

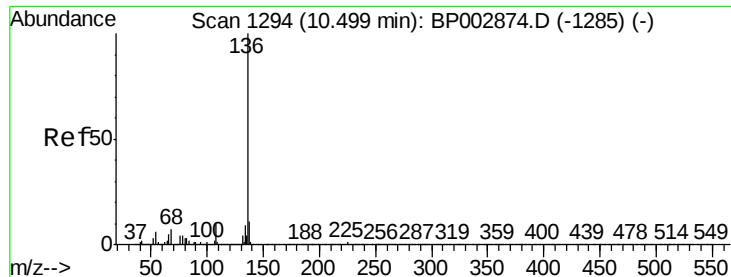


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

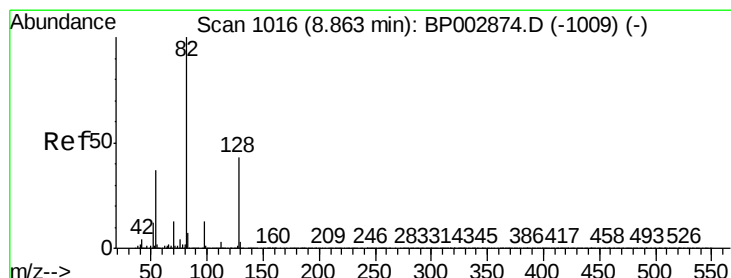
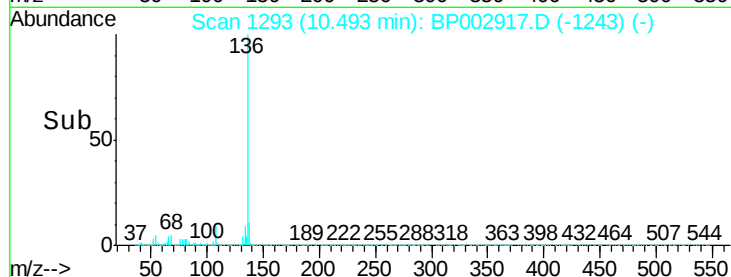
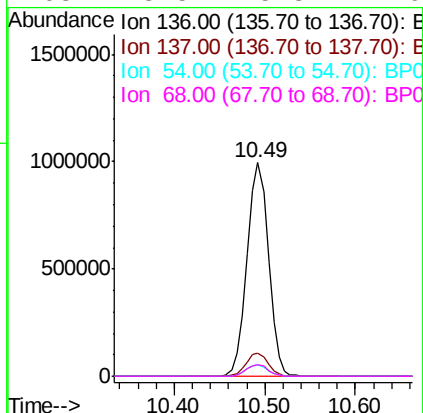
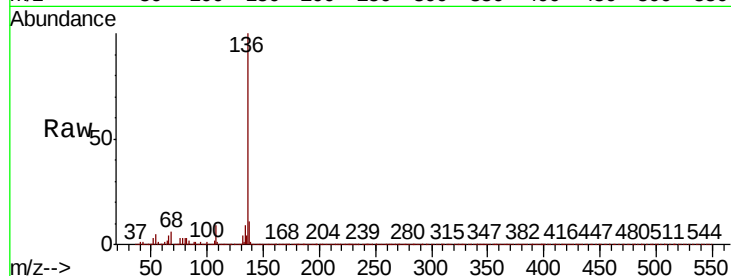




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

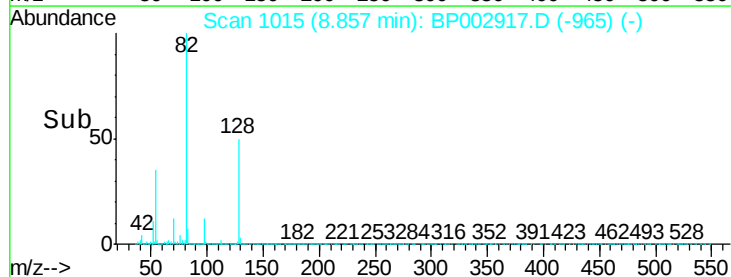
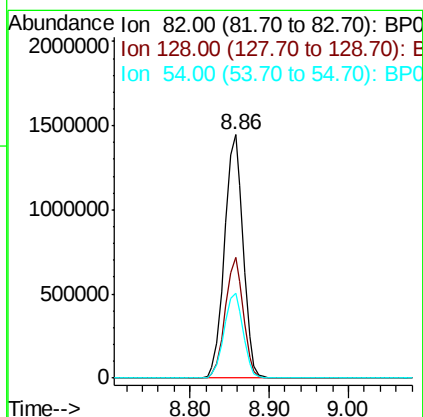
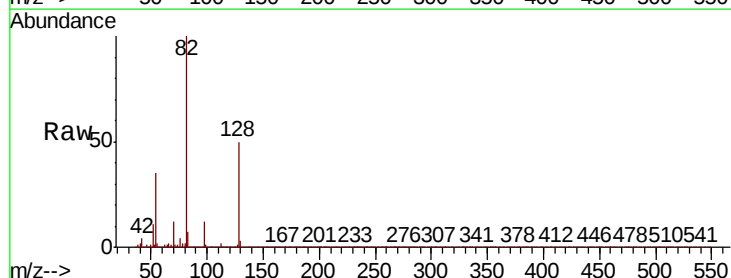
Instrument :
BNA_P
ClientSampleId :
CRT-004

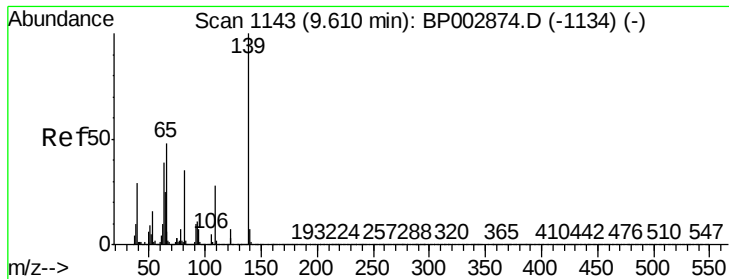
Tot Ion:136	Resp: 1638700
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 13.0
54 5.3	5.1 7.7
68 5.5	5.3 7.9



#23
Nitrobenzene-d5
Concen: 77.308 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

Tgt Ion: 82	Resp: 2338980
Ion Ratio	Lower Upper
82 100	
128 49.6	34.6 52.0
54 35.1	29.5 44.3





#26

2-Nitrophenol

Concen: 4.527 ng

RT: 9.59 min Scan# 1140

Delta R.T. -0.02 min

Lab File: BP002917.D

Acq: 06 Aug 2020 13:34

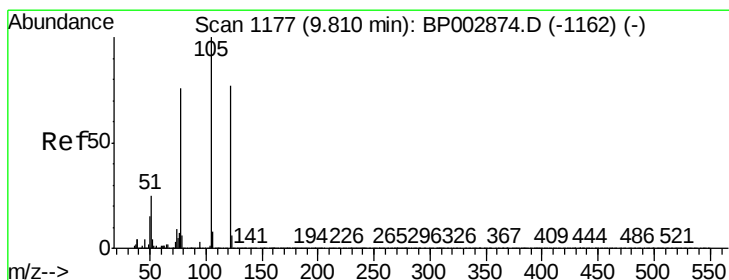
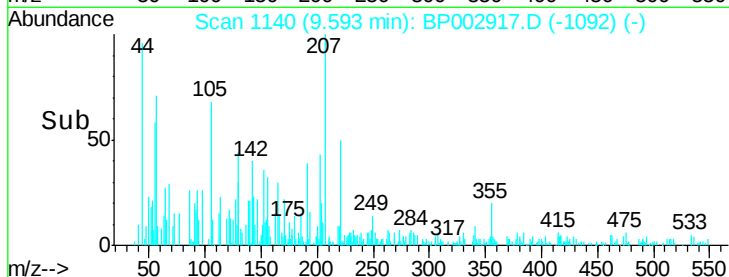
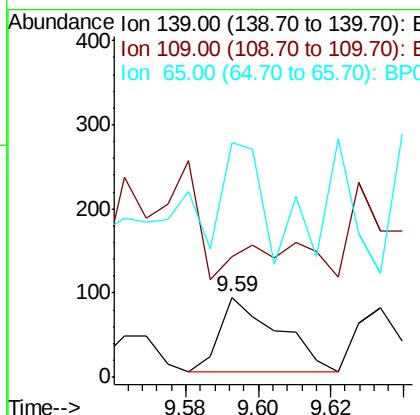
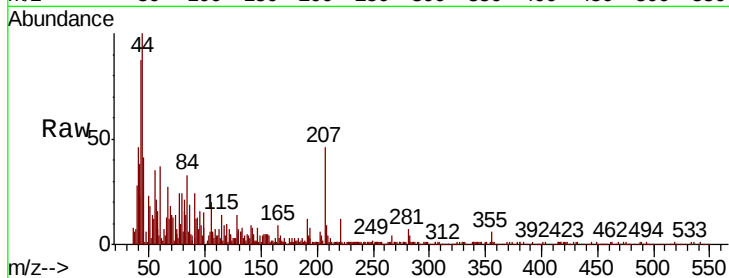
Instrument :

BNA_P

ClientSampleId :

CRT-004

Tot Ion:139	Resp:	101
Ion Ratio	Lower	Upper
139	100	
109	151.6	22.2 33.2#
65	293.7	38.9 58.3#



#32

Benzoic acid

Concen: 7.905 ng

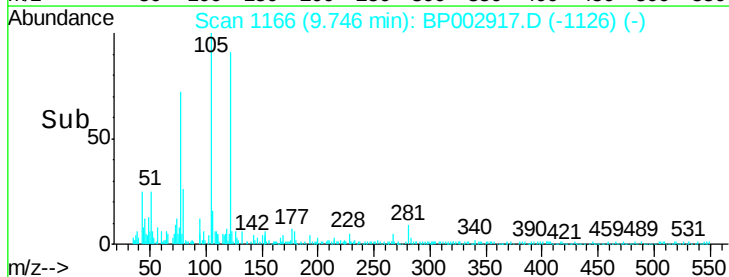
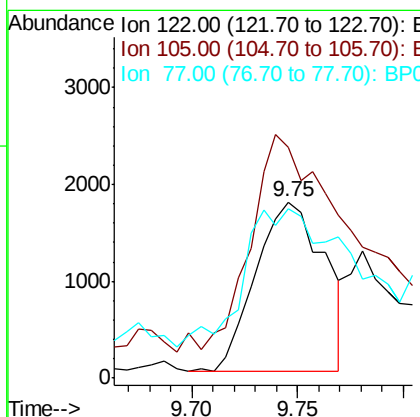
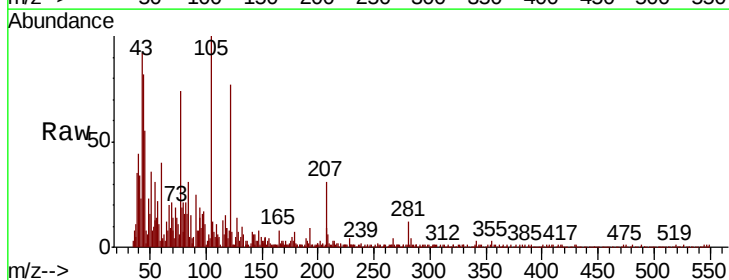
RT: 9.75 min Scan# 1166

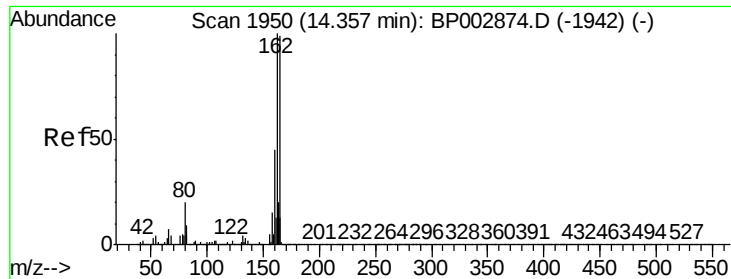
Delta R.T. -0.06 min

Lab File: BP002917.D

Acq: 06 Aug 2020 13:34

Tgt Ion:122	Resp:	3969
Ion Ratio	Lower	Upper
122	100	
105	130.5	103.4 143.4
77	96.0	74.6 114.6

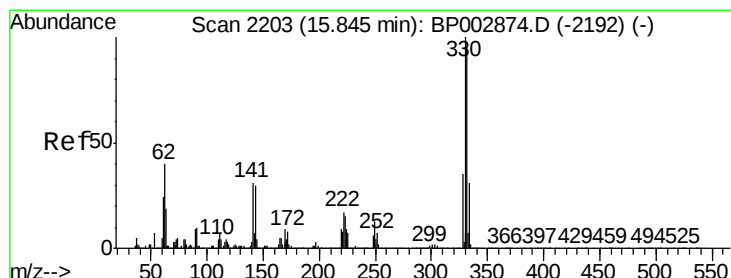
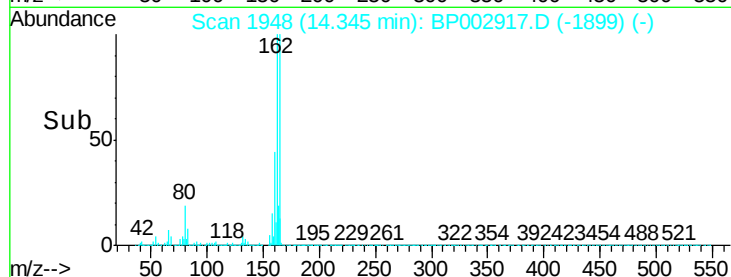
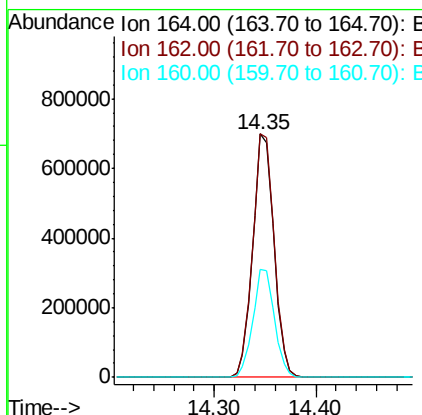
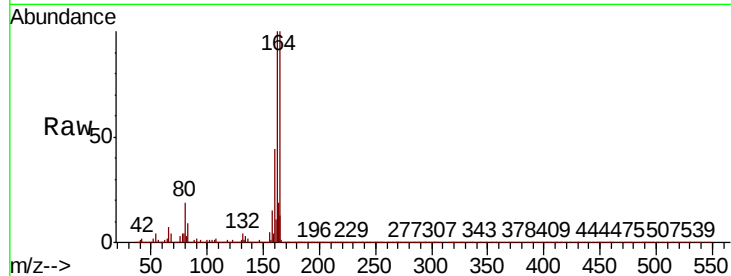




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

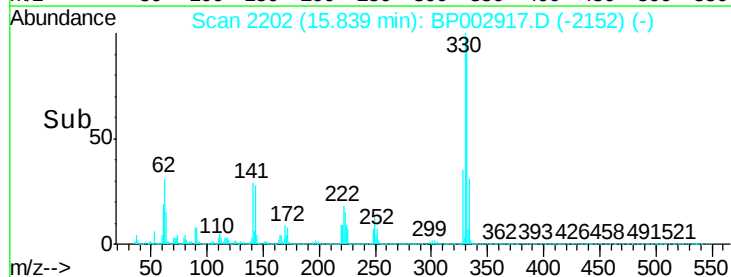
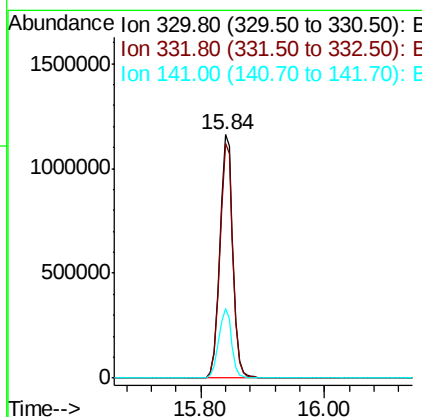
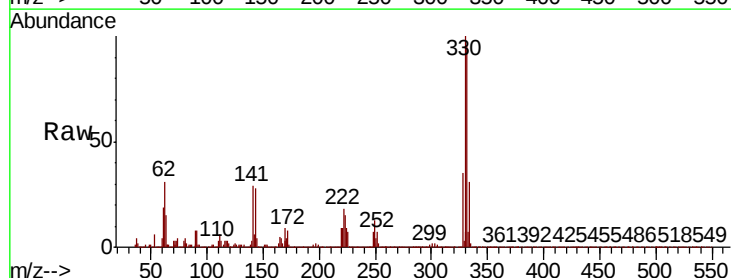
Instrument :
BNA_P
ClientSampled :
CRT-004

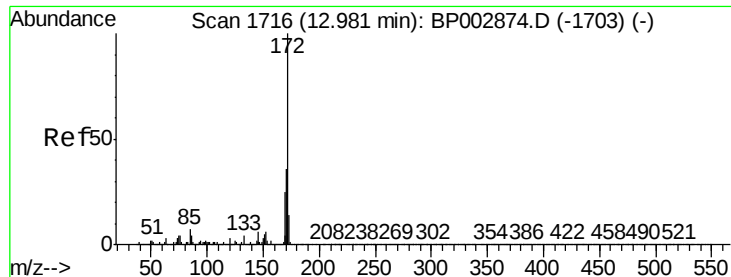
Tot Ion:164 Resp: 1018449
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.6
160 44.2 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 134.535 ng
RT: 15.84 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

Tgt Ion:330 Resp: 1702962
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 28.2 24.6 37.0

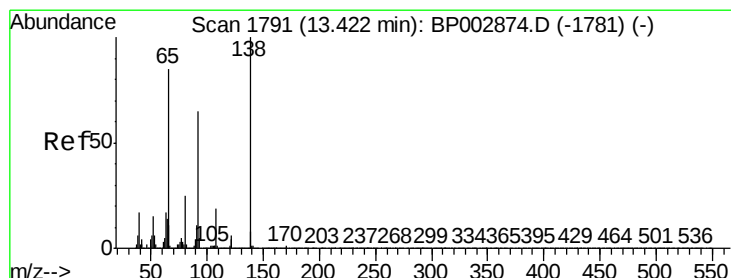
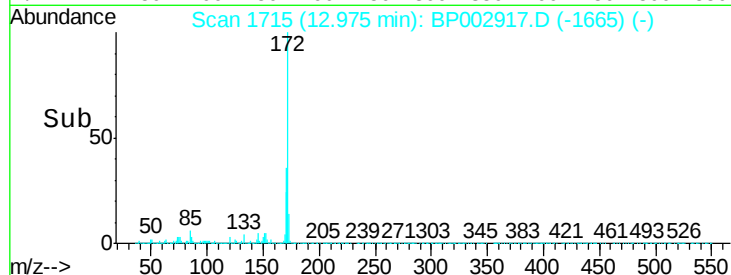
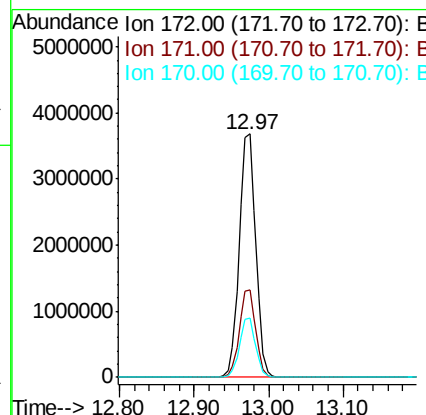
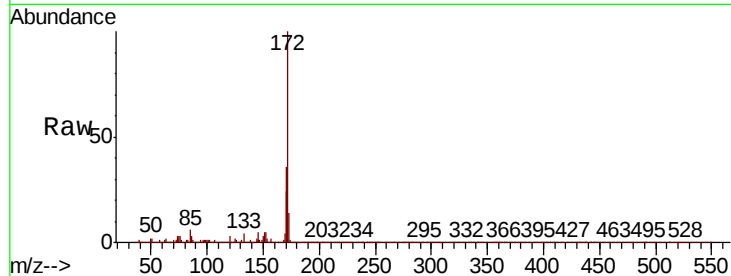




#45
2-Fluorobiphenyl
Concen: 75.792 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

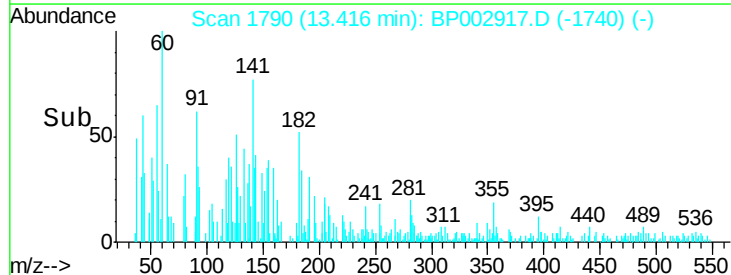
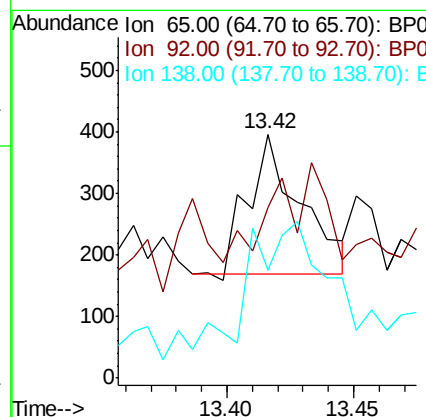
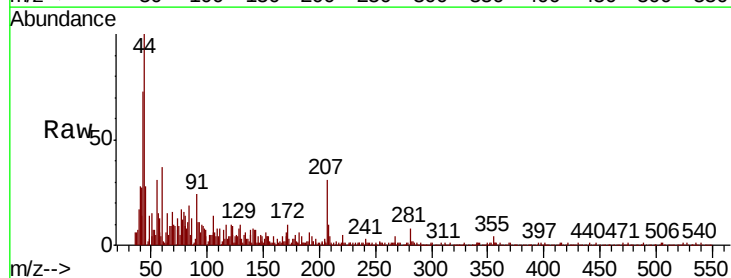
Instrument :
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CRT-004

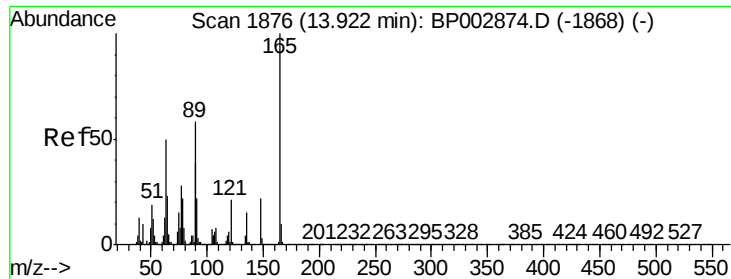
Tot Ion:172 Resp: 5649594
Ion Ratio Lower Upper
172 100
171 36.0 29.1 43.7
170 24.3 19.6 29.4



#48
2-Nitroaniline
Concen: 3.990 ng
RT: 13.42 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

Tgt Ion: 65 Resp: 327
Ion Ratio Lower Upper
65 100
92 70.2 61.4 92.0
138 44.4 94.2 141.4#

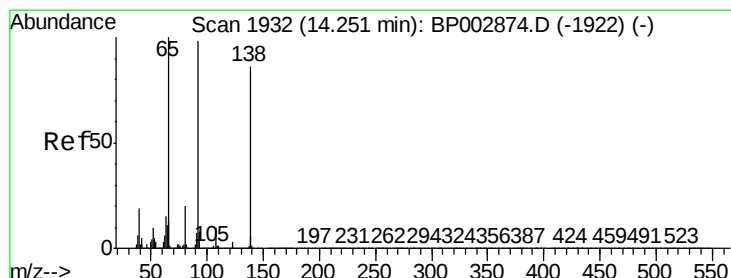
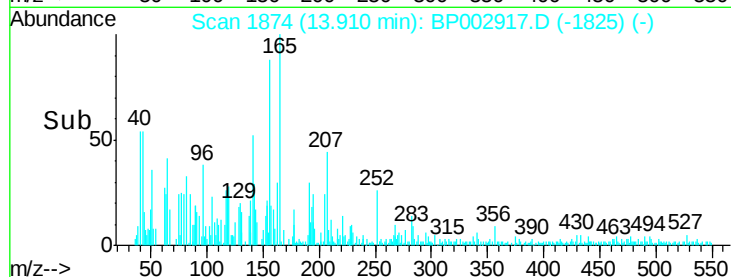
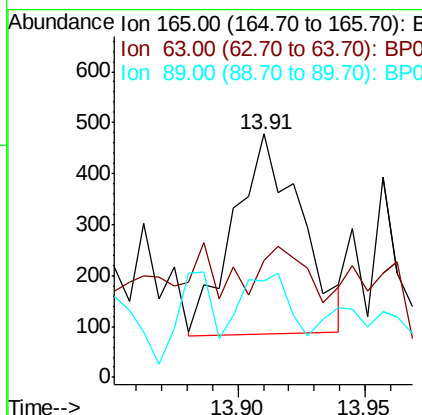
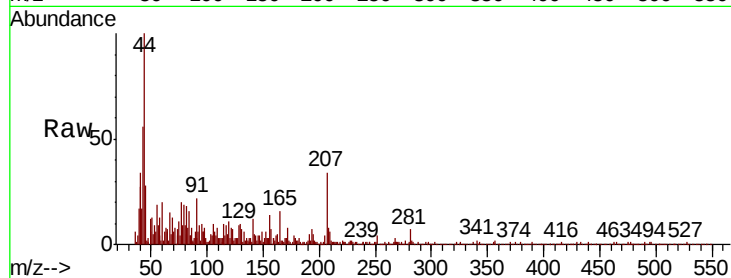




#51
2,6-Dinitrotoluene
Concen: 2.937 ng
RT: 13.91 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

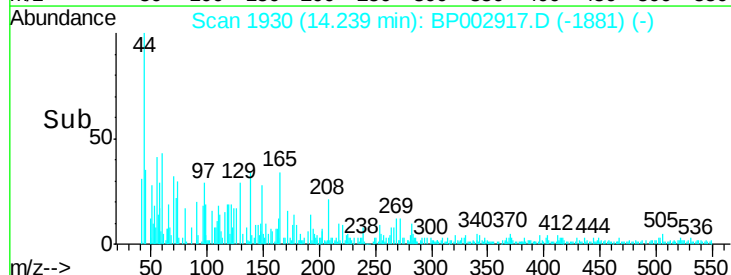
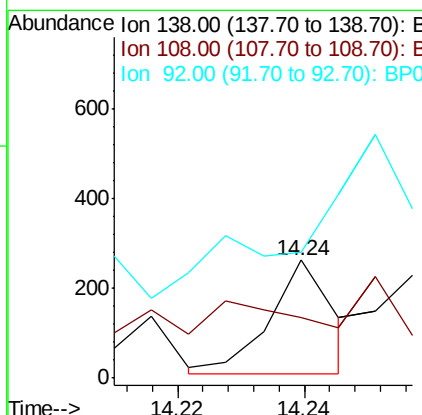
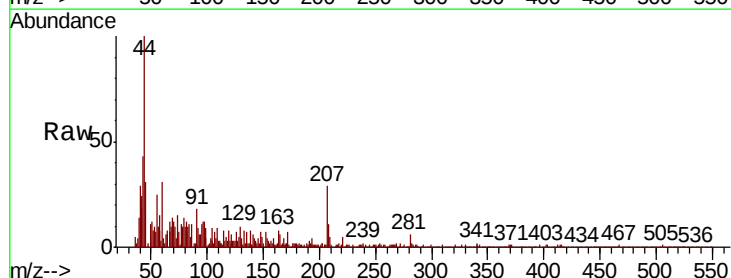
Instrument :
BNA_P
ClientSampleId :
CRT-004

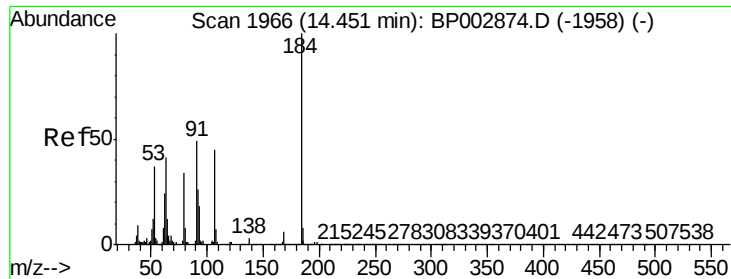
Tot Ion:165 Resp: 722
Ion Ratio Lower Upper
165 100
63 48.1 40.3 60.5
89 59.2 46.5 69.7



#53
3-Nitroaniline
Concen: 3.282 ng
RT: 14.24 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

Tgt Ion:138 Resp: 174
Ion Ratio Lower Upper
138 100
108 51.9 9.4 14.0#
92 106.9 91.0 136.6

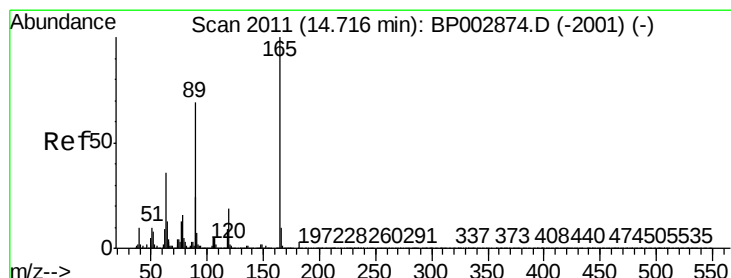
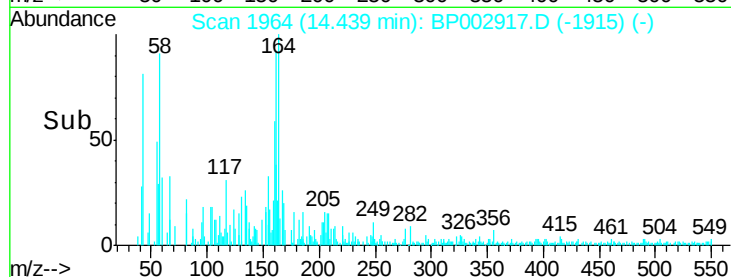
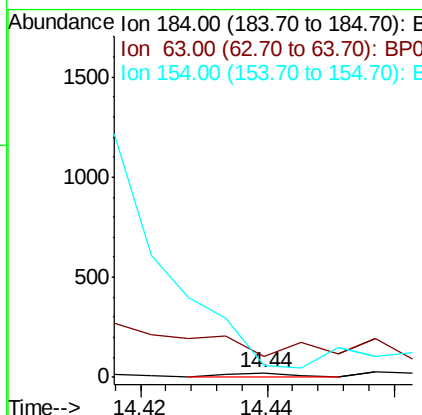
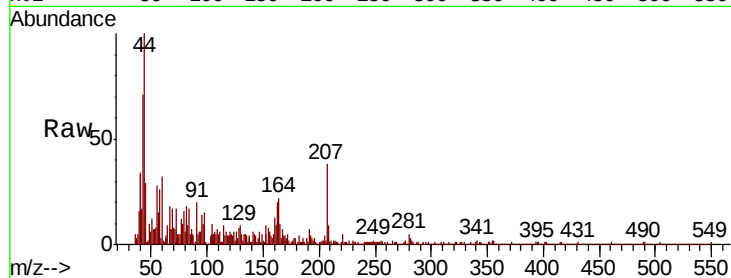




#54
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

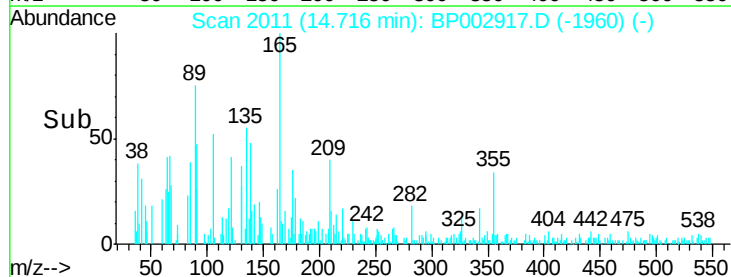
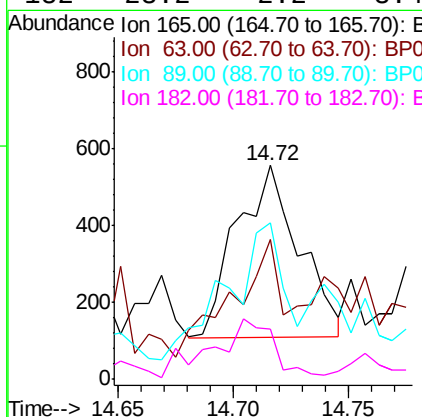
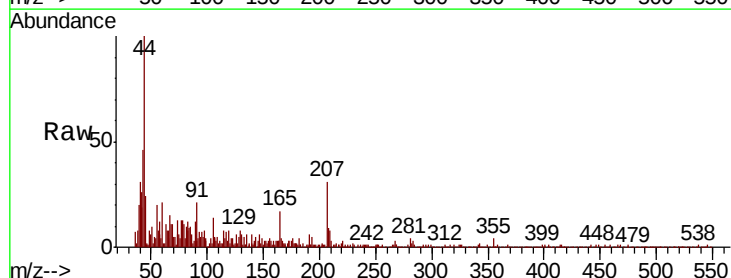
Instrument :
BNA_P
ClientSampleId :
CRT-004

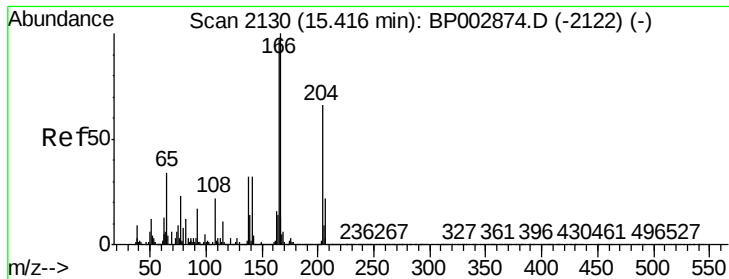
Tot Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 460.9 50.3 75.5#
154 247.8 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 3.839 ng
RT: 14.72 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

Tgt Ion:165 Resp: 847
Ion Ratio Lower Upper
165 100
63 65.2 29.0 43.4#
89 73.1 55.5 83.3
182 23.2 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.487 ng

RT: 15.42 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BP002917.D

Acq: 06 Aug 2020 13:34

Instrument :

BNA_P

ClientSampleId :

CRT-004

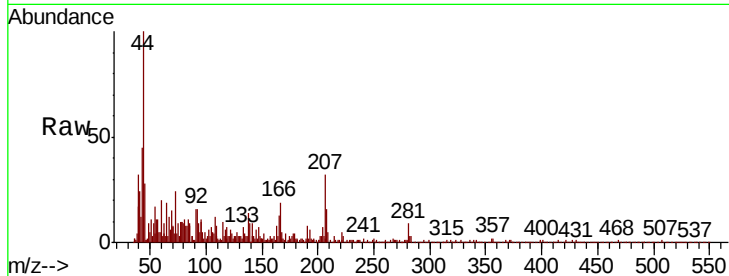
Tot Ion:138 Resp: 1379

Ion Ratio Lower Upper

138 100

92 115.6 32.2 72.2#

108 82.5 50.0 90.0



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

800

600

400

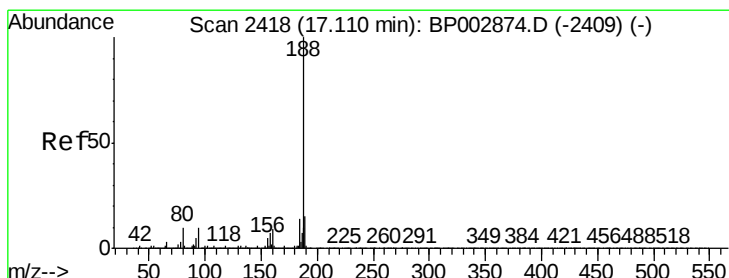
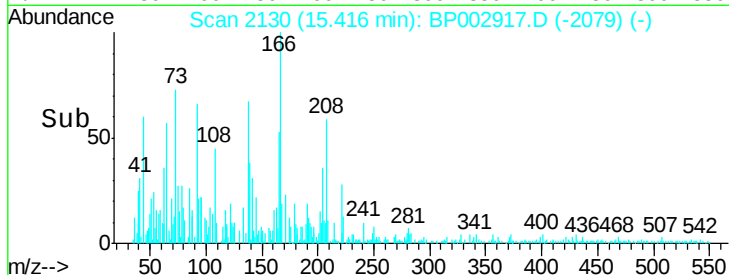
200

0

15.35 15.40 15.45

15.42

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BP002917.D

Acq: 06 Aug 2020 13:34

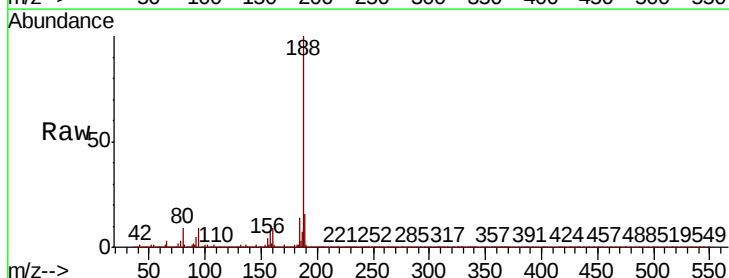
Tgt Ion:188 Resp: 2292869

Ion Ratio Lower Upper

188 100

94 9.0 7.8 11.6

80 9.1 8.0 12.0



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

2000000

1500000

1000000

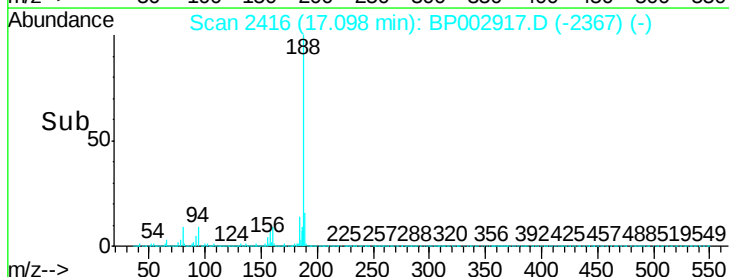
500000

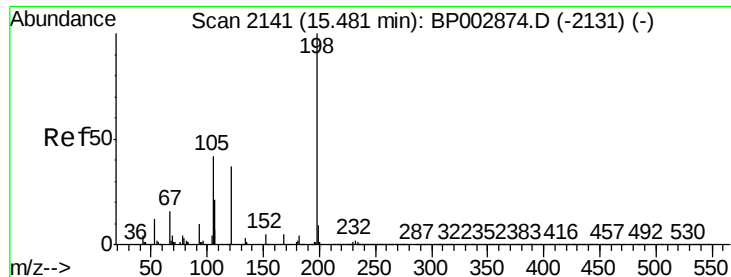
0

17.00 17.10 17.20

17.10

Time-->

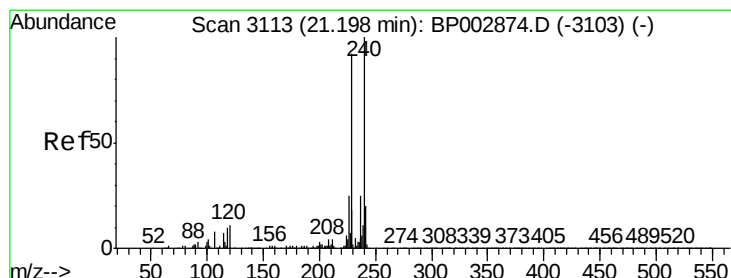
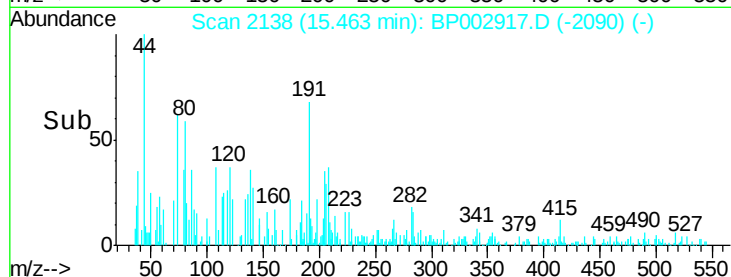
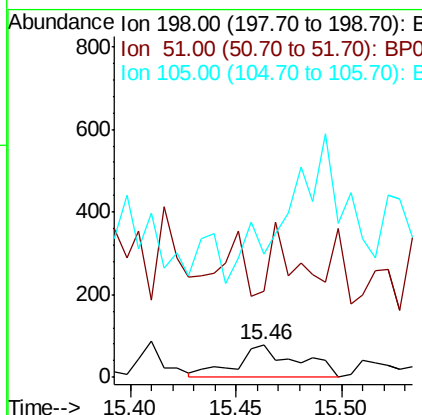
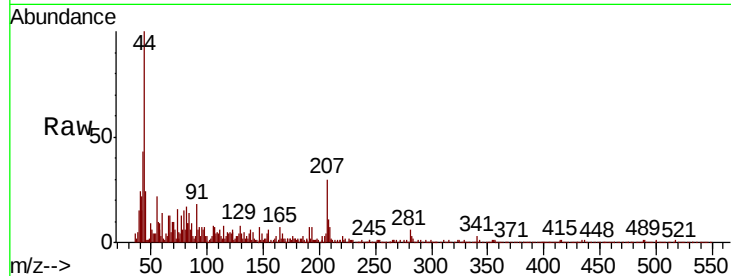




#65
4,6-Dinitro-2-methylphenol
Concen: 6.911 ng
RT: 15.46 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

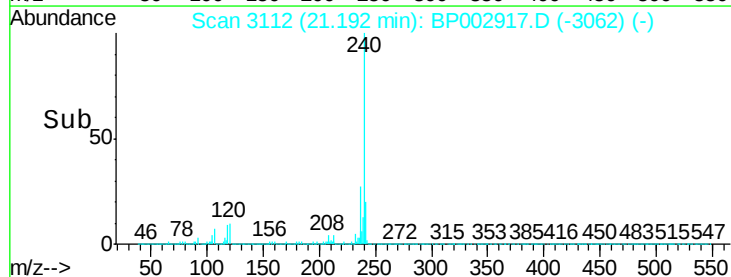
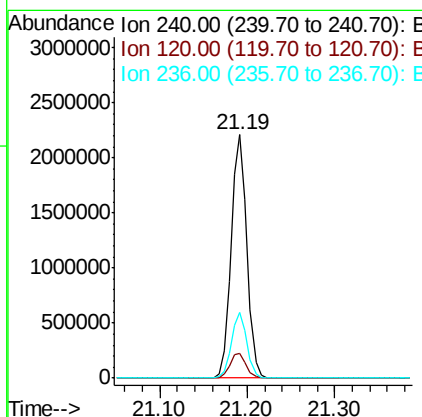
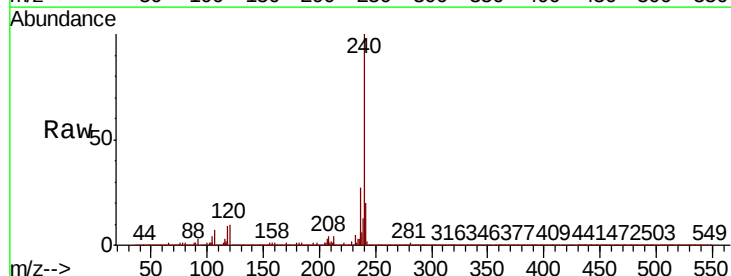
Instrument :
BNA_P
ClientSampled :
CRT-004

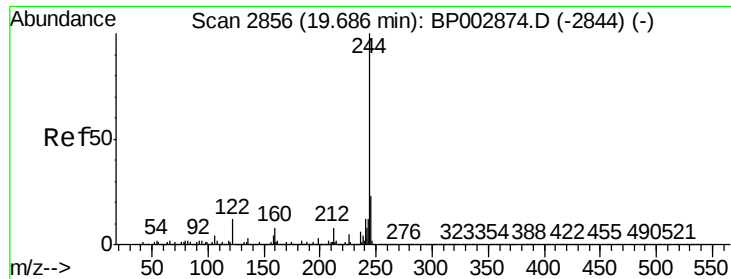
Tot Ion:198 Resp: 157
Ion Ratio Lower Upper
198 100
51 264.6 11.6 51.6#
105 378.5 23.8 63.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

Tgt Ion:240 Resp: 2713096
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.8 20.3 30.5





#79

Terphenyl-d14

Concen: 69.331 ng

RT: 19.68 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BP002917.D

Acq: 06 Aug 2020 13:34

Instrument :

BNA_P

ClientSampleId :

CRT-004

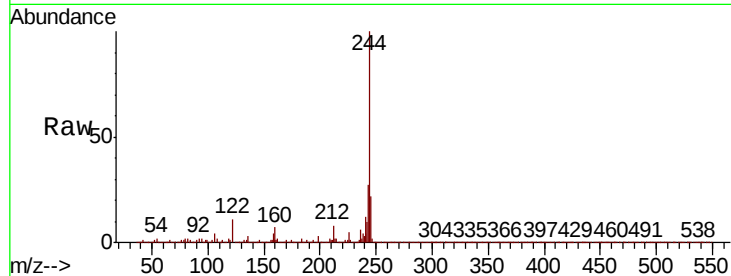
Tot Ion:244 Resp: 9395876

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.4	9.6
122	10.8	9.4	14.2

244 100

212 8.3 6.4 9.6

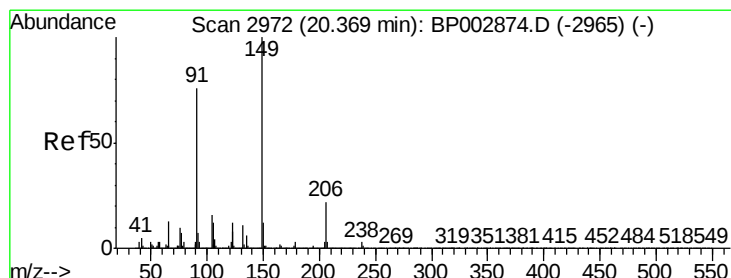
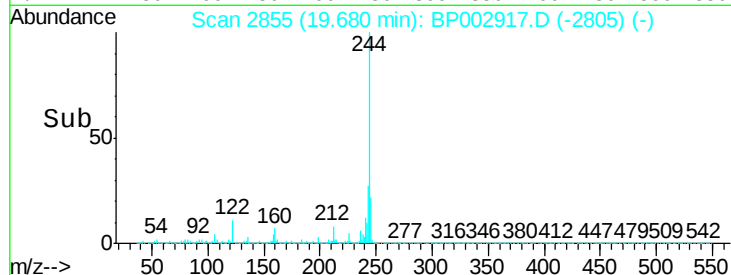
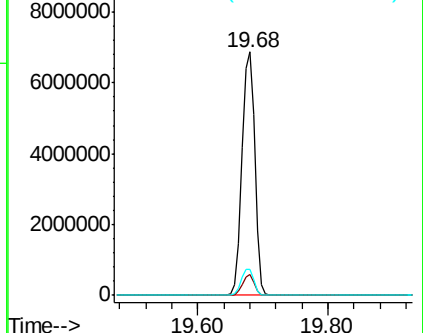
122 10.8 9.4 14.2



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: 3.455 ng

RT: 20.36 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BP002917.D

Acq: 06 Aug 2020 13:34

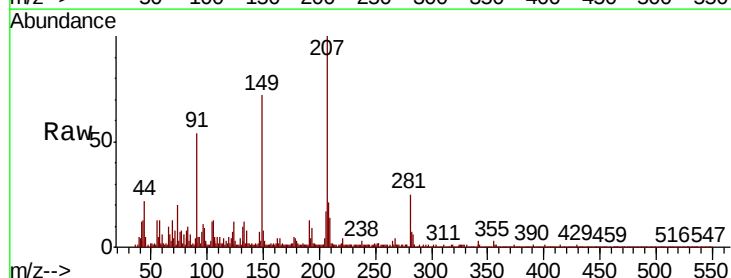
Tgt Ion:149 Resp: 32662

Ion	Ratio	Lower	Upper
149	100		
91	74.3	60.5	90.7
206	23.4	17.5	26.3

149 100

91 74.3 60.5 90.7

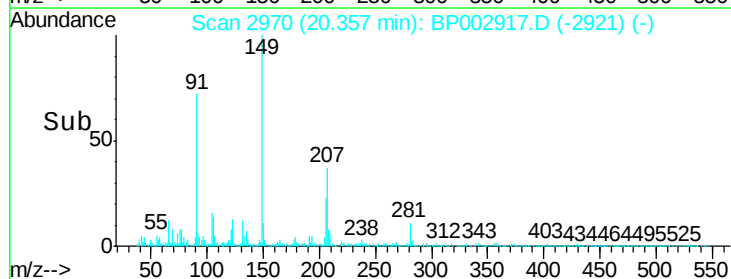
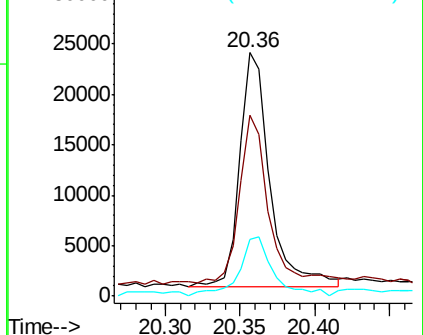
206 23.4 17.5 26.3

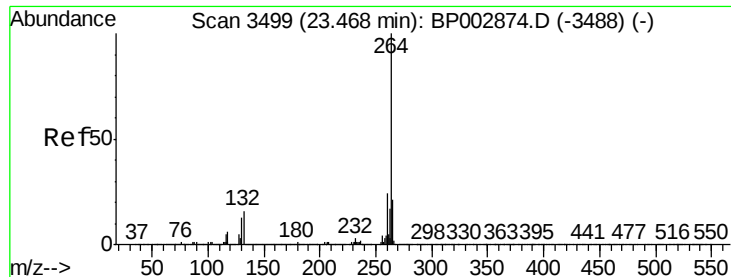


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.46 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BP002917.D
Acq: 06 Aug 2020 13:34

Instrument :
BNA_P
ClientSampleId :
CRT-004

Tot Ion:264 Resp: 3013256

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.6
265	21.9	17.0	25.4

