

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
 Data File : BP002949.D
 Acq On : 12 Aug 2020 15:03
 Operator : CG/JU
 Sample : L3654-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-13

Quant Time: Aug 12 16:11:24 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

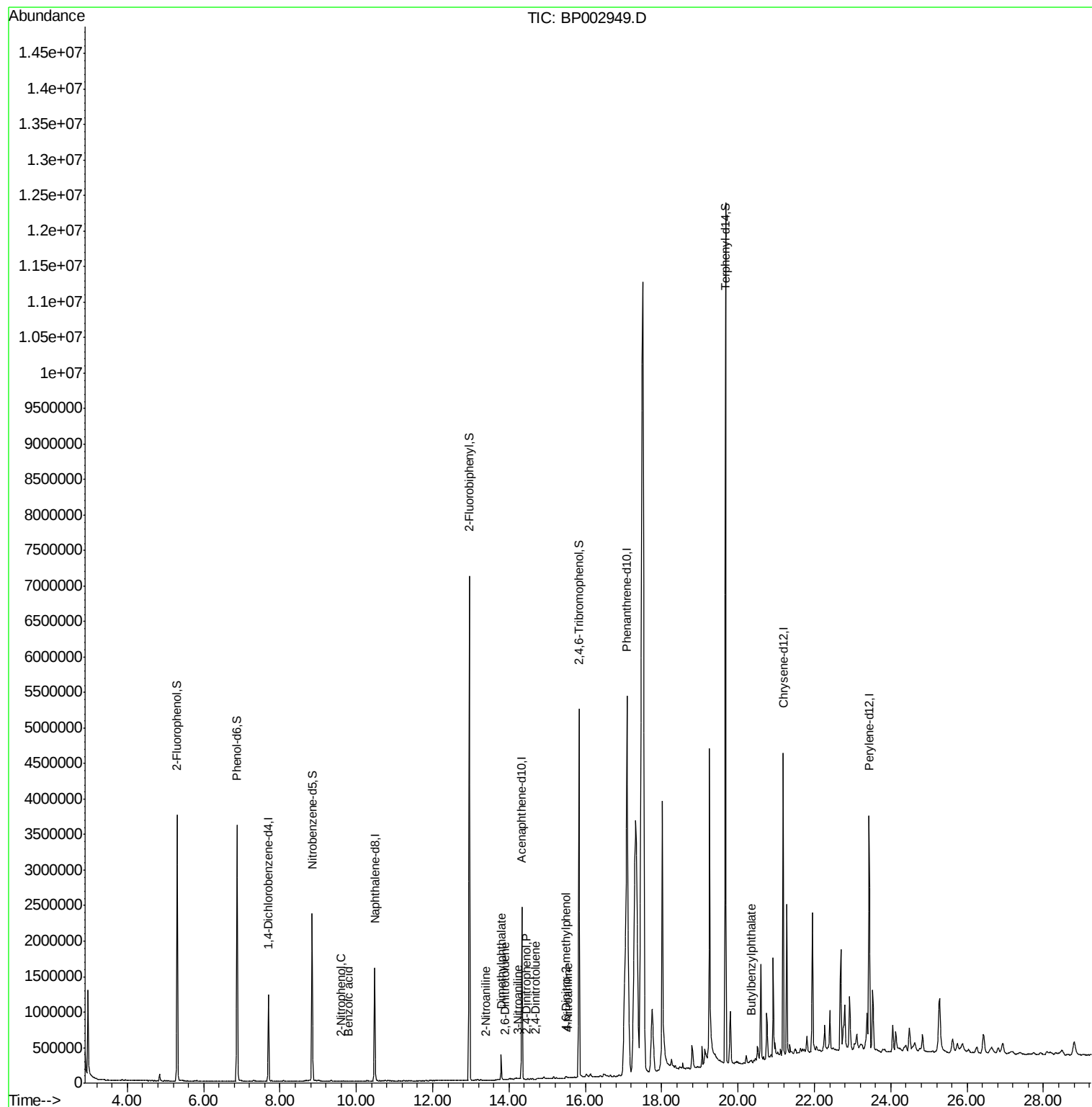
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	362628	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	1474222	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	882400	20.00	ng	0.00
64) Phenanthrene-d10	17.09	188	1794356	20.00	ng	0.00
76) Chrysene-d12	21.18	240	1917875	20.00	ng	0.00
86) Perylene-d12	23.43	264	2244663	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1954339	82.48	ng	0.00
7) Phenol-d6	6.88	99	2420531	73.58	ng	0.00
23) Nitrobenzene-d5	8.84	82	1377725	50.62	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	992952	90.54	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	3851488	59.64	ng	0.00
79) Terphenyl-d14	19.67	244	5124099	53.49	ng	0.00
Target Compounds						
26) 2-Nitrophenol	9.60	139	72	4.526	ng	# 1
32) Benzoic acid	9.79	122	65	7.690	ng	# 79
48) 2-Nitroaniline	13.40	65	291	3.990	ng	# 43
50) Dimethylphthalate	13.79	163	255003	3.695	ng	100
51) 2,6-Dinitrotoluene	13.90	165	385	2.923	ng	# 79
53) 3-Nitroaniline	14.23	138	492	3.302	ng	# 86
54) 2,4-Dinitrophenol	14.45	184	91	8.070	ng	# 31
57) 2,4-Dinitrotoluene	14.69	165	492	3.828	ng	# 69
62) 4-Nitroaniline	15.53	138	231	2.430	ng	# 83
65) 4,6-Dinitro-2-methylphenol	15.48	198	56	6.905	ng	# 1
80) Butylbenzylphthalate	20.35	149	3522	3.118	ng	# 72

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002949.D
Acq On : 12 Aug 2020 15:03
Operator : CG/JU
Sample : L3654-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CS-13

Quant Time: Aug 12 16:11:24 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



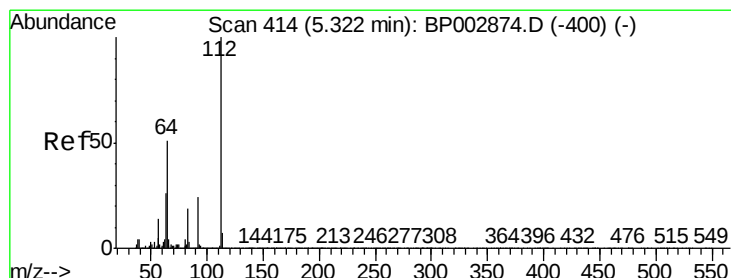
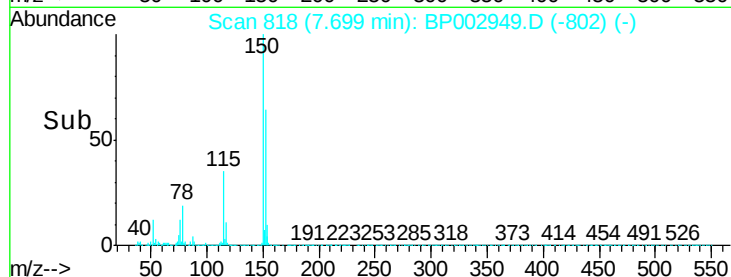
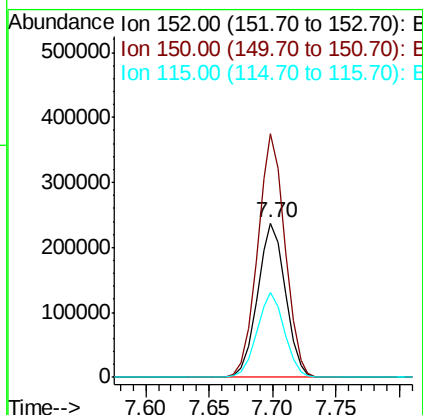
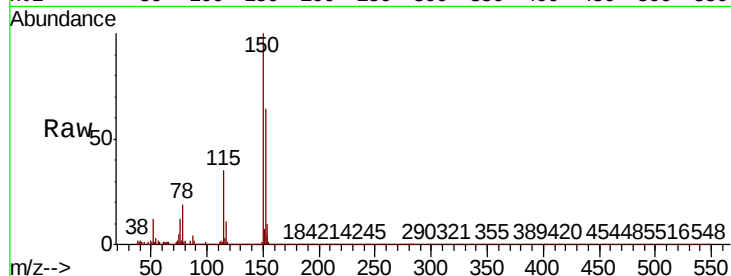


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

Instrument :
BNA_P
ClientSampleId :
CS-13

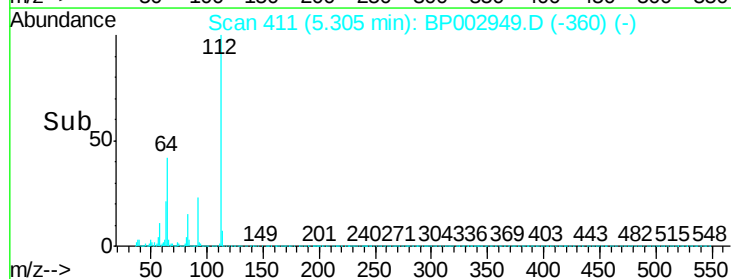
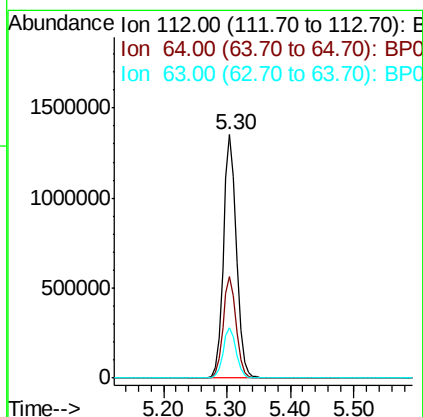
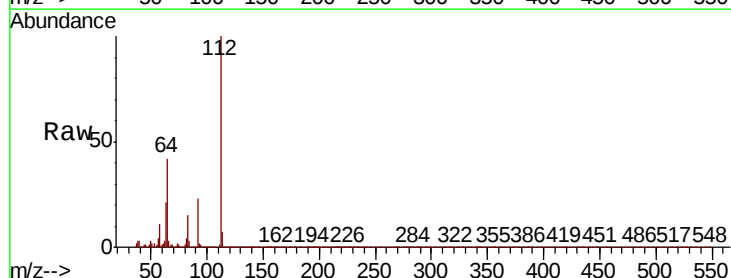
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.2	186.4
115	55.0	42.1	63.1

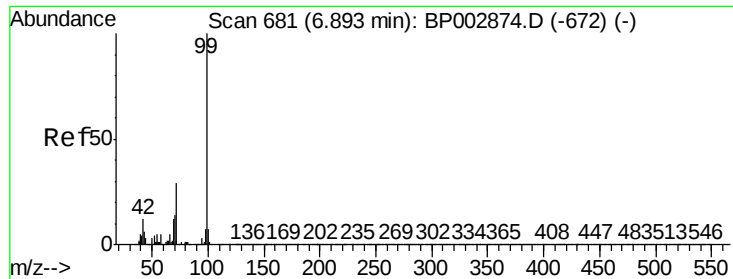


#5

2-Fluorophenol
Concen: 82.484 ng
RT: 5.30 min Scan# 411
Delta R.T. -0.00 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.0	33.8	50.8
63	20.7	17.2	25.8





#7

Phenol-d6

Concen: 73.583 ng

RT: 6.88 min Scan# 678

Delta R.T. -0.01 min

Lab File: BP002949.D

Acq: 12 Aug 2020 15:03

Instrument :

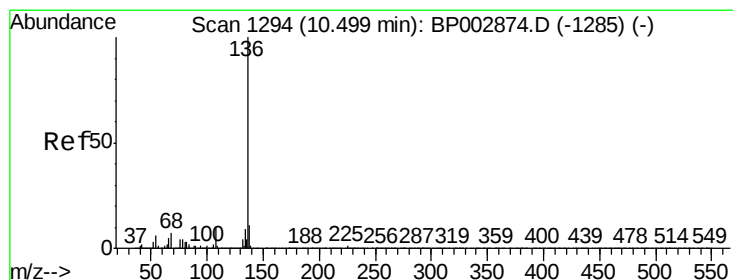
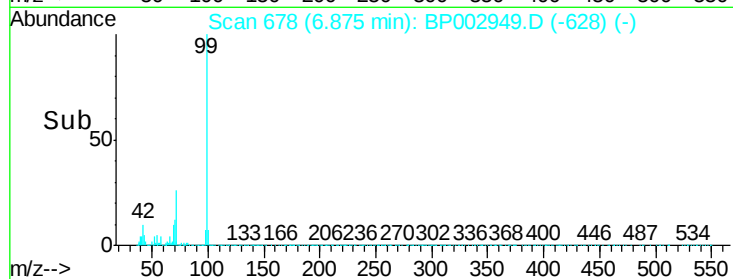
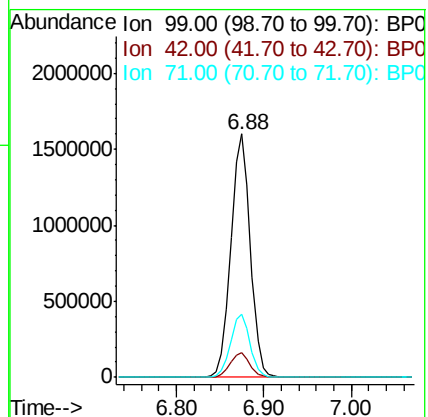
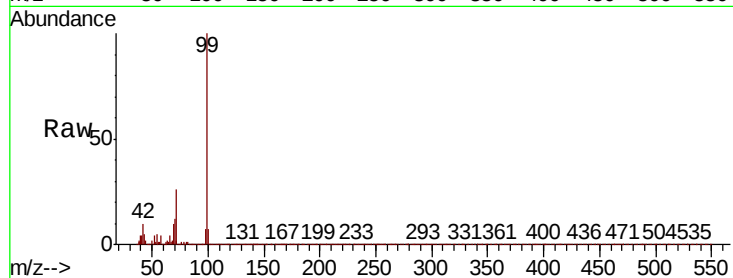
BNA_P

ClientSampleId :

CS-13

Tot Ion: 99 Resp: 2420531

Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.1	12.1
71	26.1	21.0	31.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1291

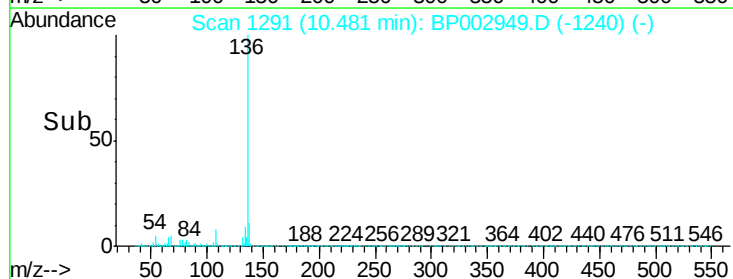
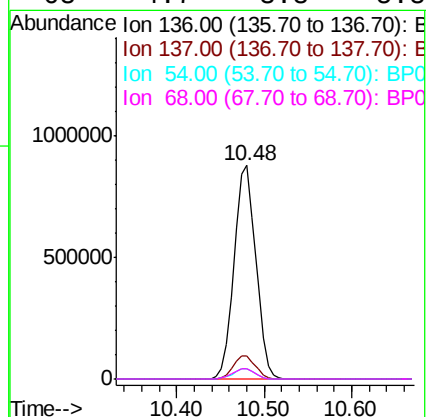
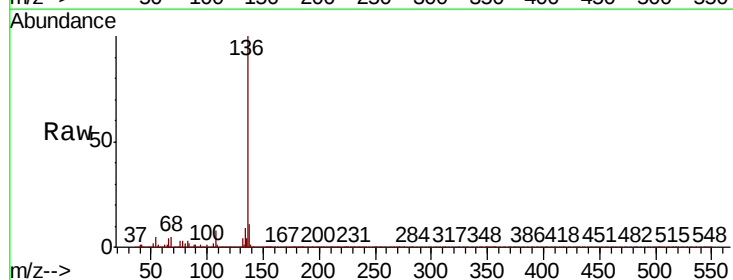
Delta R.T. -0.00 min

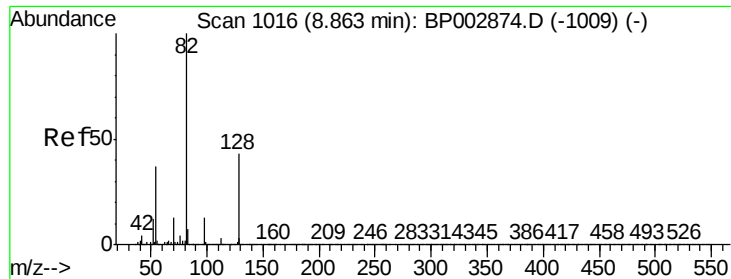
Lab File: BP002949.D

Acq: 12 Aug 2020 15:03

Tgt Ion: 136 Resp: 1474222

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	4.9	3.9	5.9
68	4.7	3.8	5.8

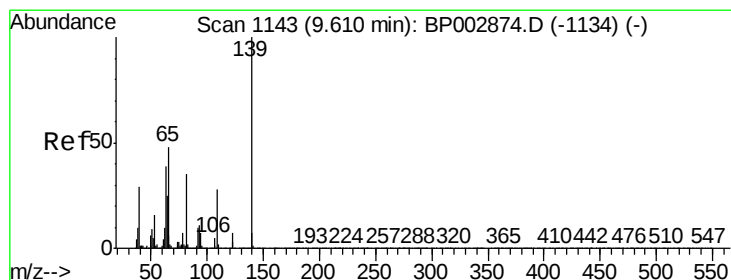
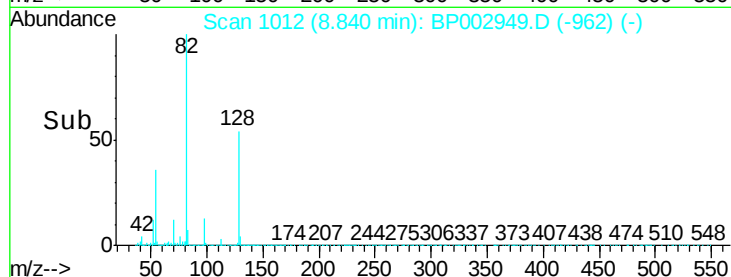
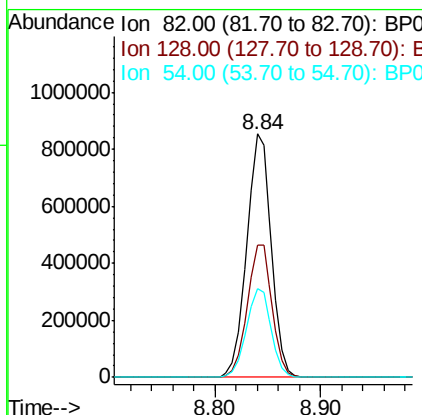
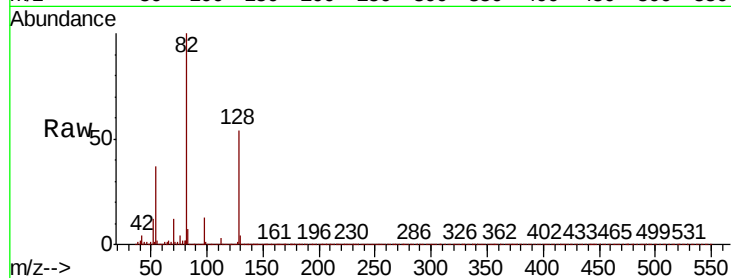




#23
 Nitrobenzene-d5
 Concen: 50.617 ng
 RT: 8.84 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BP002949.D
 Acq: 12 Aug 2020 15:03

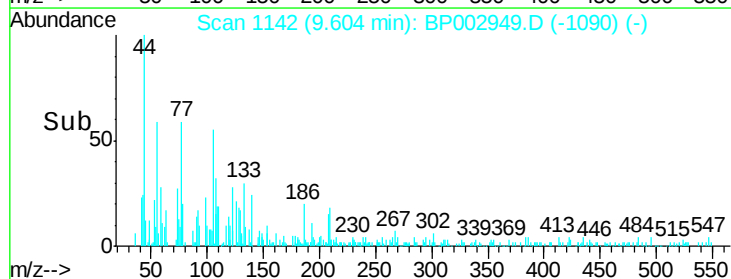
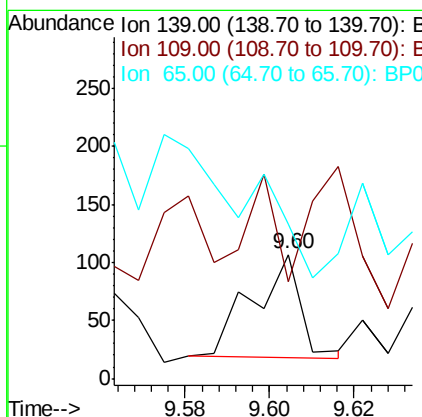
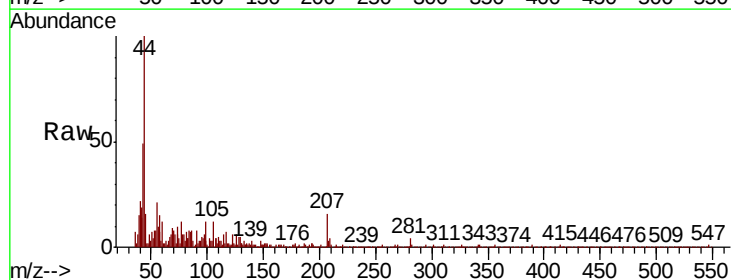
Instrument :
 BNA_P
 ClientSampleId :
 CS-13

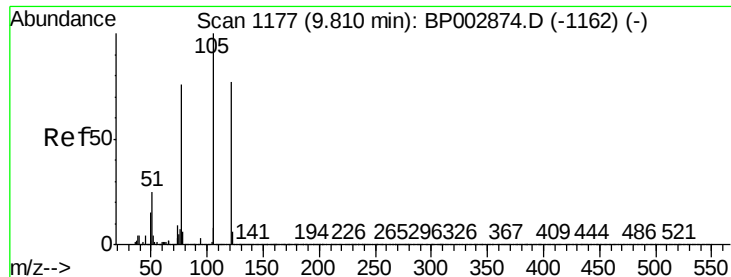
Tot Ion: 82 Resp: 1377725
 Ion Ratio Lower Upper
 82 100
 128 54.3 44.6 66.8
 54 36.5 29.2 43.8



#26
 2-Nitrophenol
 Concen: 4.526 ng
 RT: 9.60 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BP002949.D
 Acq: 12 Aug 2020 15:03

Tgt Ion: 139 Resp: 72
 Ion Ratio Lower Upper
 139 100
 109 77.6 19.5 29.3#
 65 124.3 26.6 40.0#

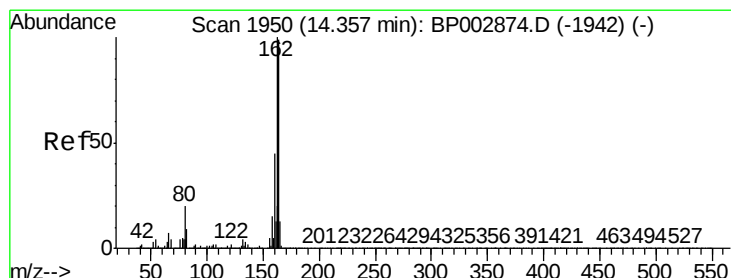
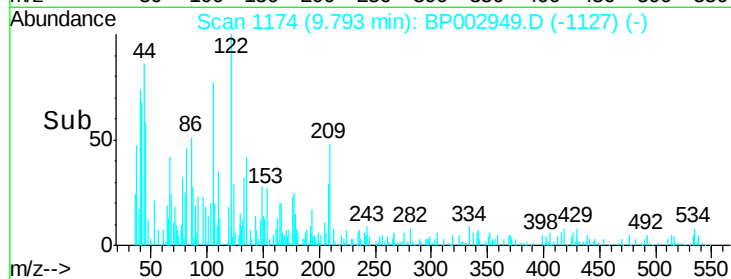
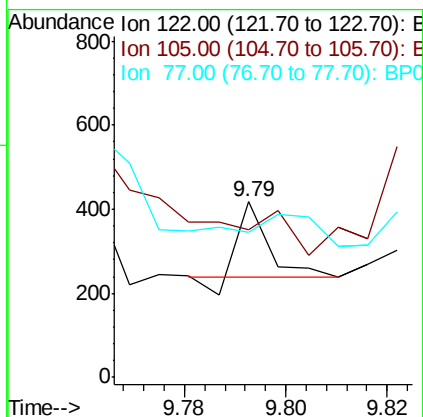
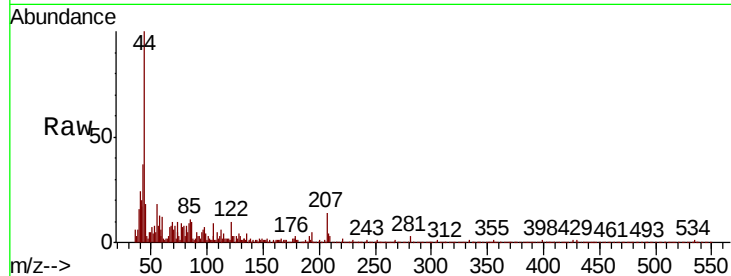




#32
Benzoic acid
Concen: 7.690 ng
RT: 9.79 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

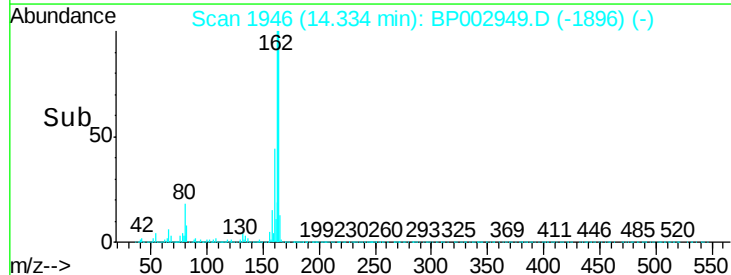
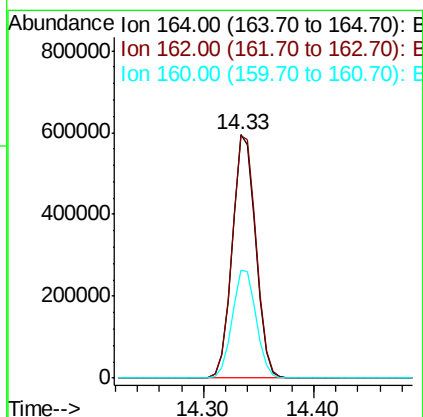
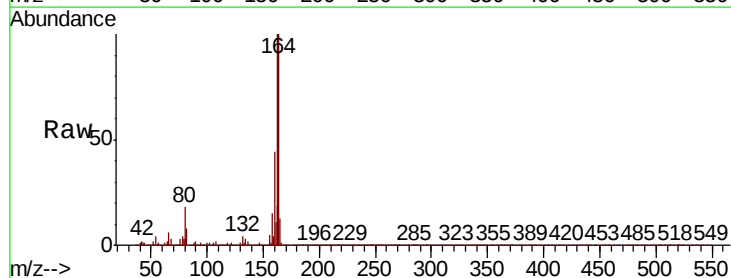
Instrument :
BNA_P
ClientSampleId :
CS-13

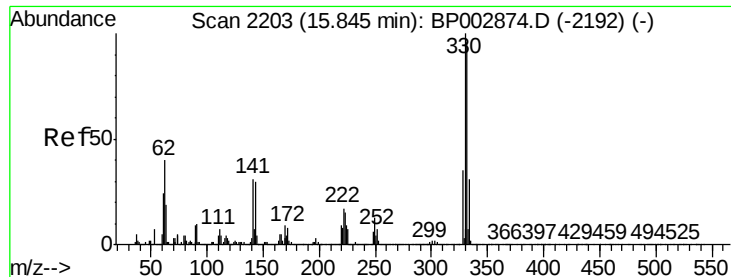
Tot Ion	Ratio	Lower	Upper
122	100		
105	83.7	95.8	135.8#
77	82.3	54.7	94.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.4
160	44.2	36.2	54.4

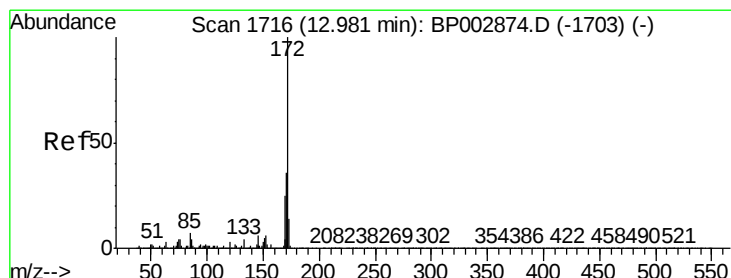
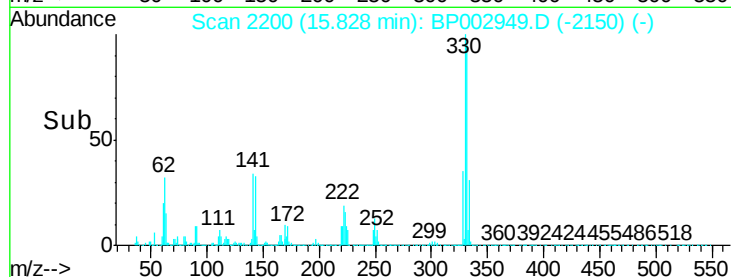
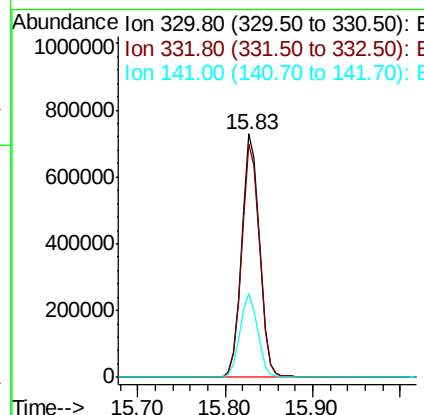
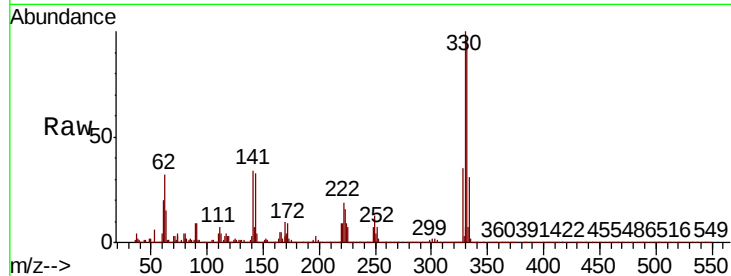




#42
 2,4,6-Tribromophenol
 Concen: 90.538 ng
 RT: 15.83 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BP002949.D
 Acq: 12 Aug 2020 15:03

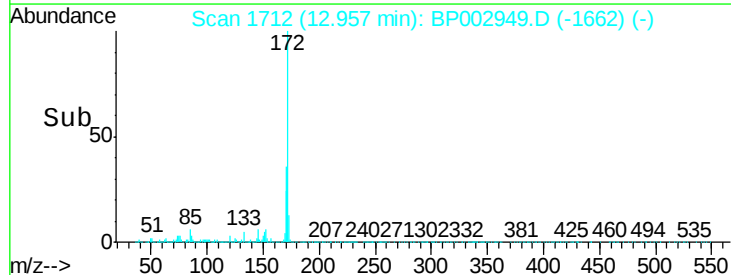
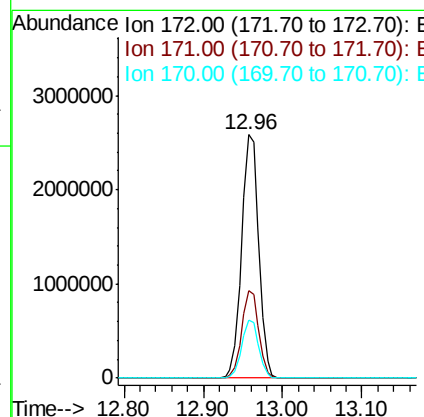
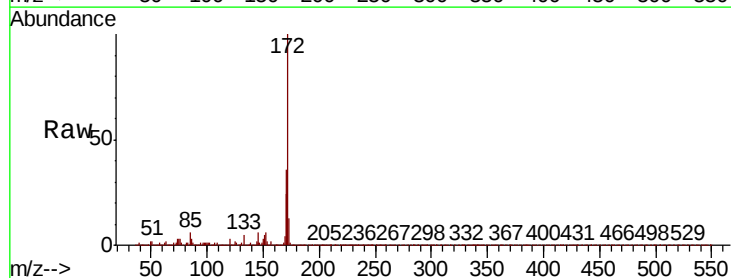
Instrument :
 BNA_P
 ClientSampled :
 CS-13

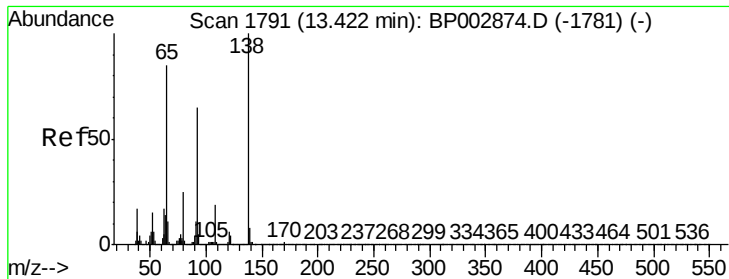
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.4
141	34.6	28.6	43.0



#45
 2-Fluorobiphenyl
 Concen: 59.636 ng
 RT: 12.96 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BP002949.D
 Acq: 12 Aug 2020 15:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.8	19.6	29.4

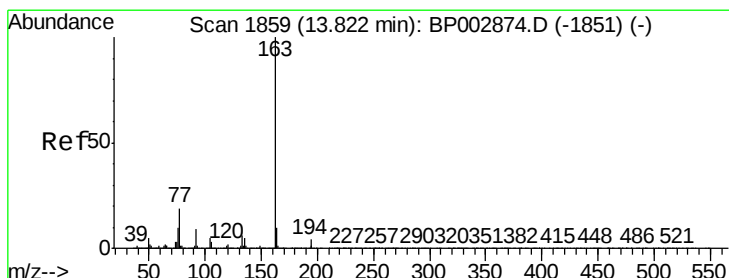
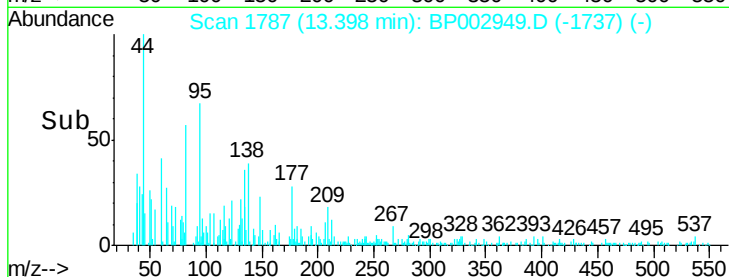
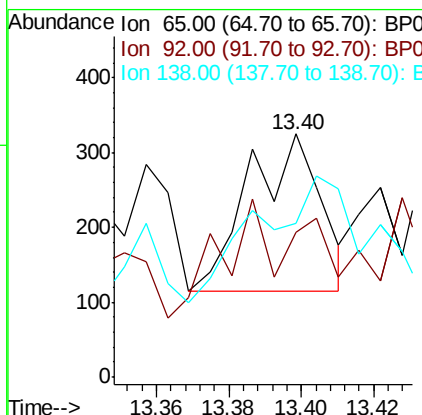
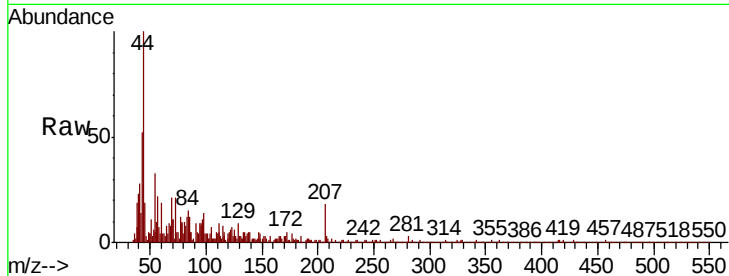




#48
2-Nitroaniline
Concen: 3.990 ng
RT: 13.40 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

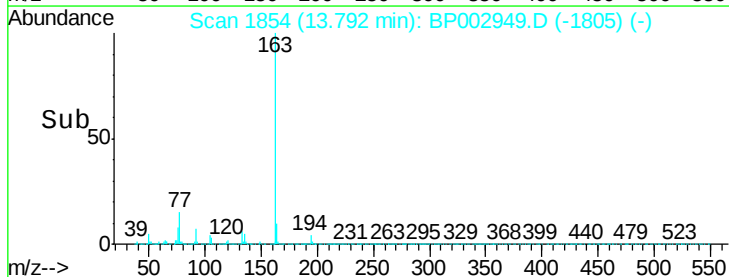
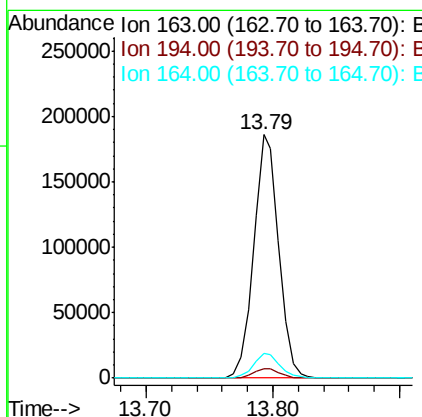
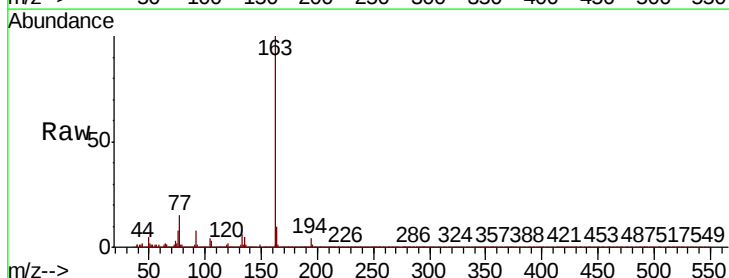
Instrument :
BNA_P
ClientSampleId :
CS-13

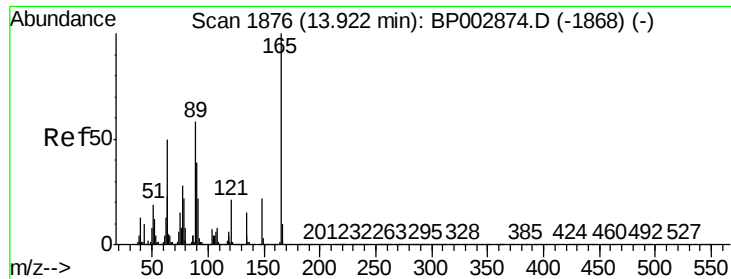
Tot Ion: 65 Resp: 291
Ion Ratio Lower Upper
65 100
92 59.4 69.6 104.4#
138 63.4 125.6 188.4#



#50
Dimethylphthalate
Concen: 3.695 ng
RT: 13.79 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

Tgt Ion: 163 Resp: 255003
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.2 12.4

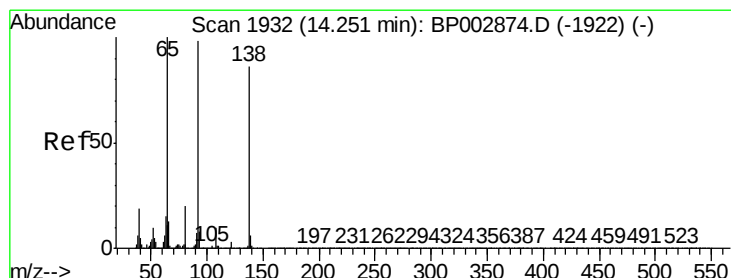
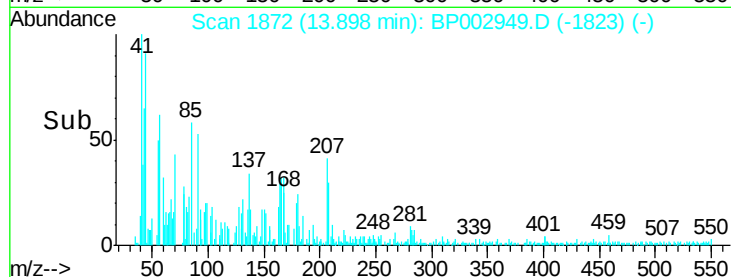
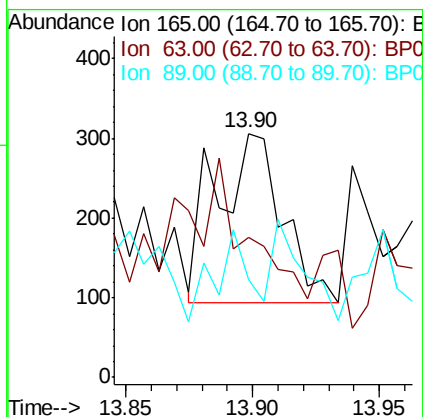
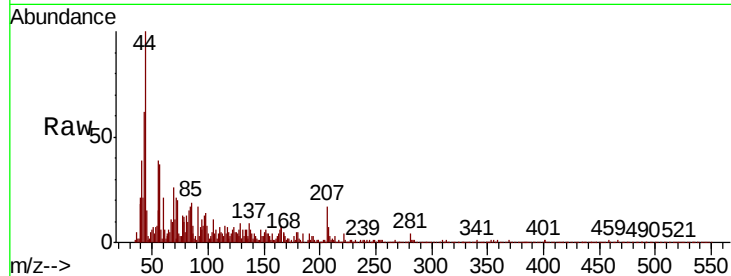




#51
2,6-Dinitrotoluene
Concen: 2.923 ng
RT: 13.90 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

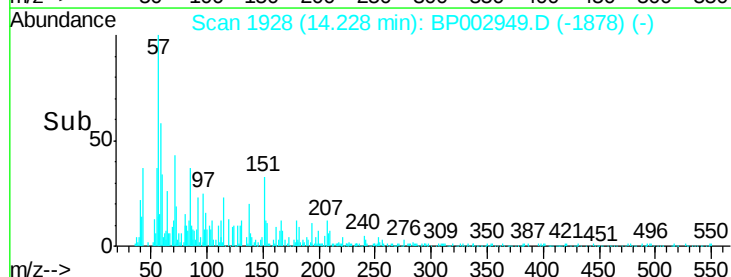
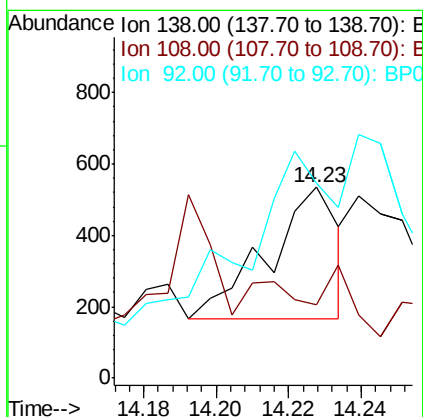
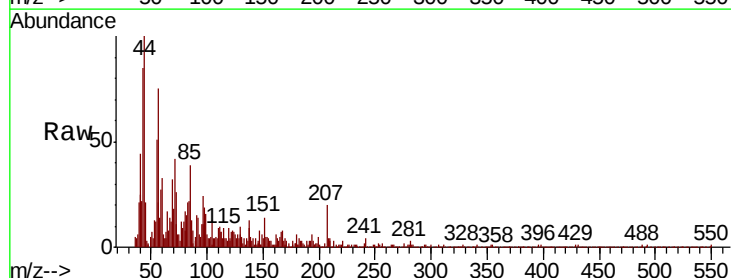
Instrument :
BNA_P
ClientSampleId :
CS-13

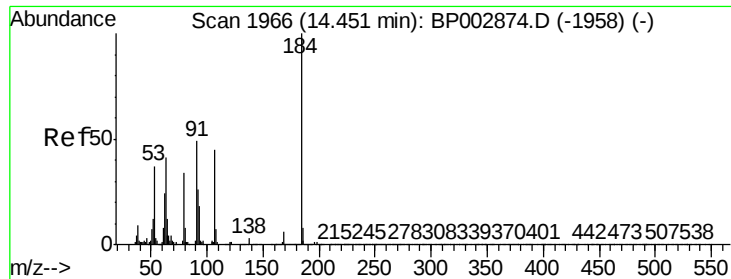
Tot Ion:165 Resp: 385
Ion Ratio Lower Upper
165 100
63 57.5 27.5 41.3#
89 40.2 35.3 52.9



#53
3-Nitroaniline
Concen: 3.302 ng
RT: 14.23 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

Tgt Ion:138 Resp: 492
Ion Ratio Lower Upper
138 100
108 38.6 7.2 10.8#
92 102.1 75.8 113.6

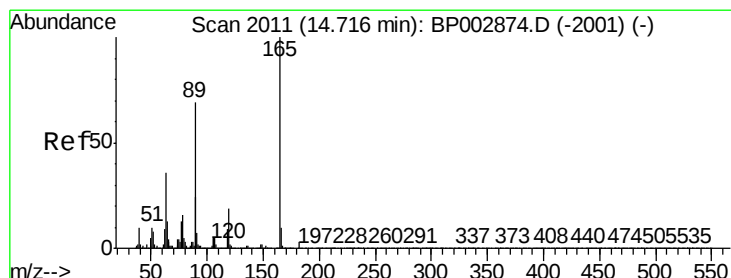
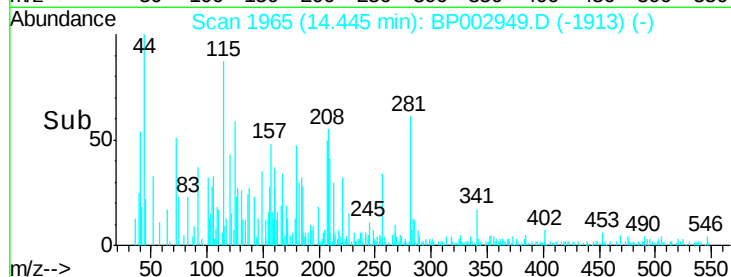
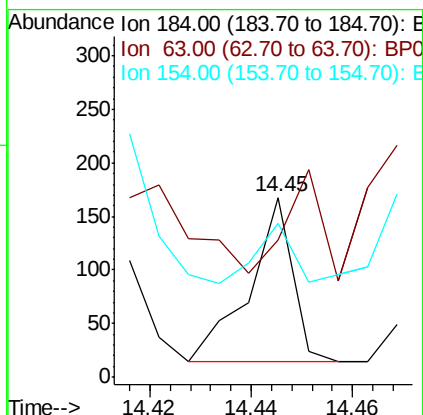
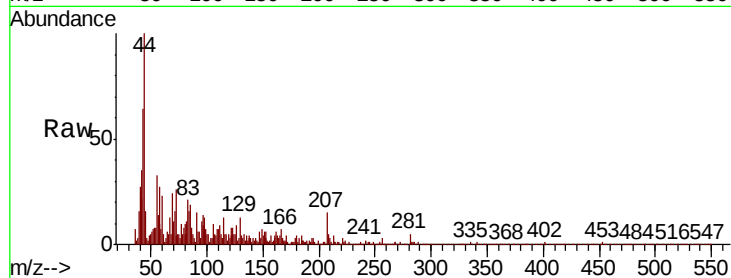




#54
2,4-Dinitrophenol
Concen: 8.070 ng
RT: 14.45 min Scan# 1965
Delta R.T. 0.01 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

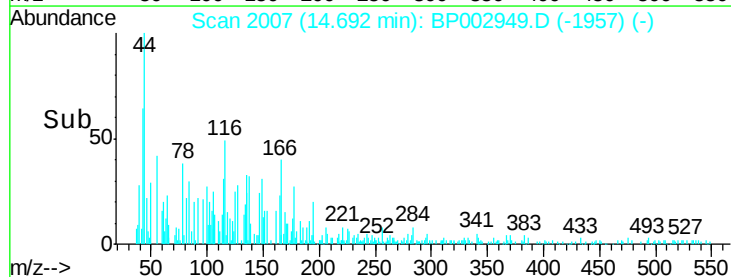
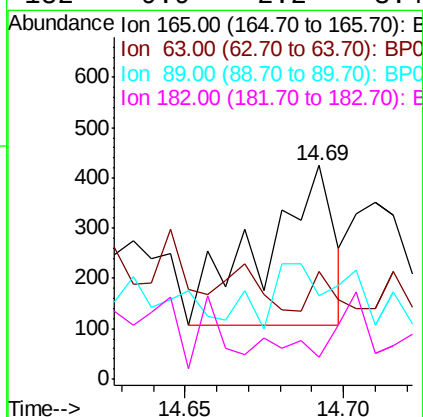
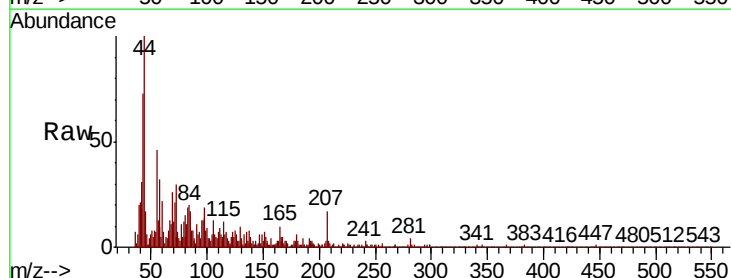
Instrument :
BNA_P
ClientSampled :
CS-13

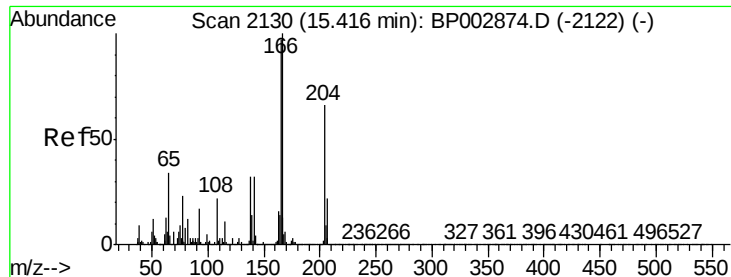
Tot Ion:184 Resp: 91
Ion Ratio Lower Upper
184 100
63 76.2 36.4 54.6#
154 122.0 46.6 69.8#



#57
2,4-Dinitrotoluene
Concen: 3.828 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

Tgt Ion:165 Resp: 492
Ion Ratio Lower Upper
165 100
63 50.6 22.6 34.0#
89 38.8 46.2 69.2#
182 9.9 2.2 3.4#





#62

4-Nitroaniline

Concen: 2.430 ng

RT: 15.53 min Scan# 2150

Delta R.T. 0.13 min

Lab File: BP002949.D

Acq: 12 Aug 2020 15:03

Instrument :

BNA_P

ClientSampleId :

CS-13

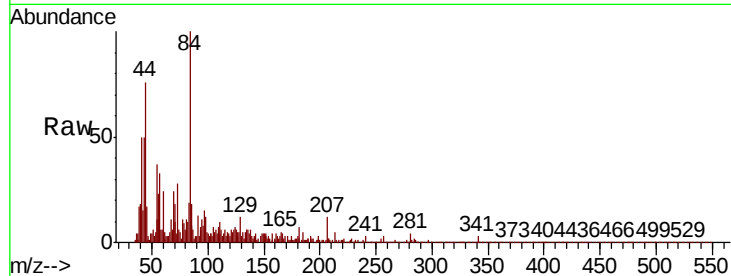
Tot Ion:138 Resp: 231

Ion Ratio Lower Upper

138 100

92 52.5 21.2 61.2

108 73.0 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

600

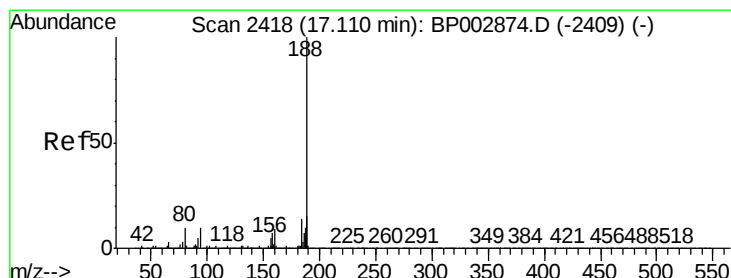
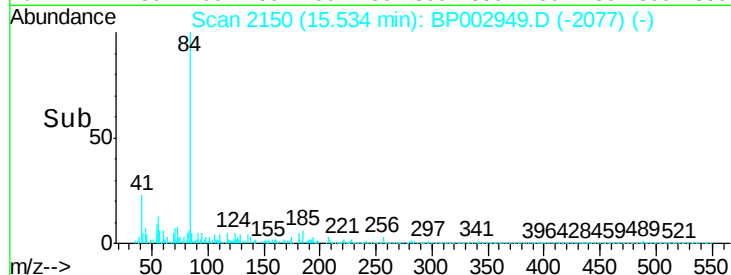
400

200

0

15.50 15.52 15.54 15.56

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BP002949.D

Acq: 12 Aug 2020 15:03

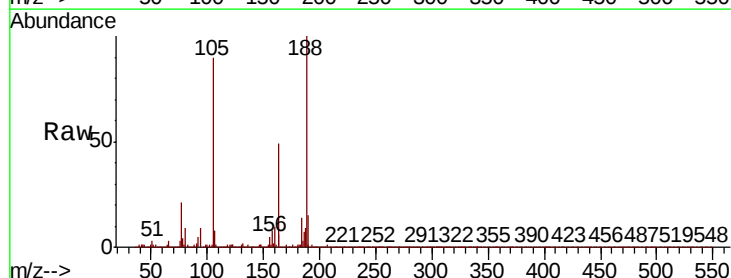
Tgt Ion:188 Resp: 1794356

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 9.0 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

1500000

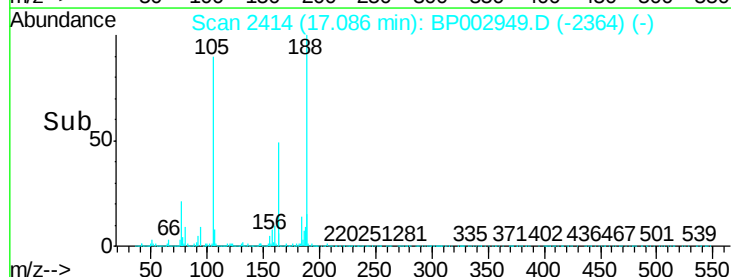
1000000

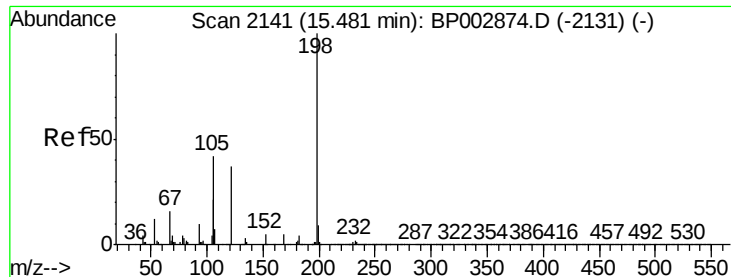
500000

0

17.00 17.10 17.20

Time-->

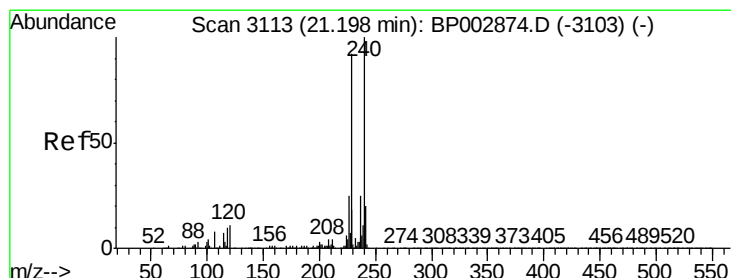
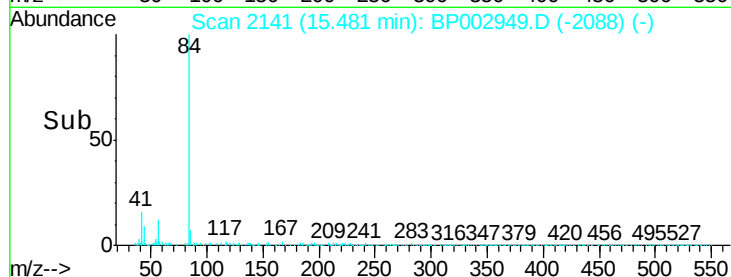
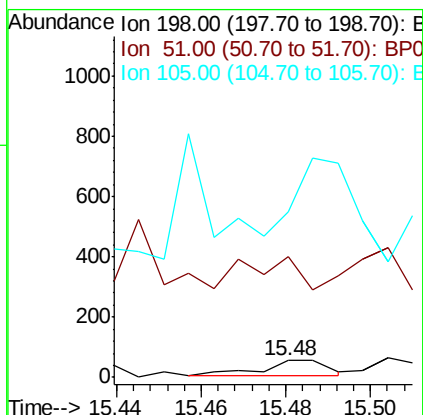
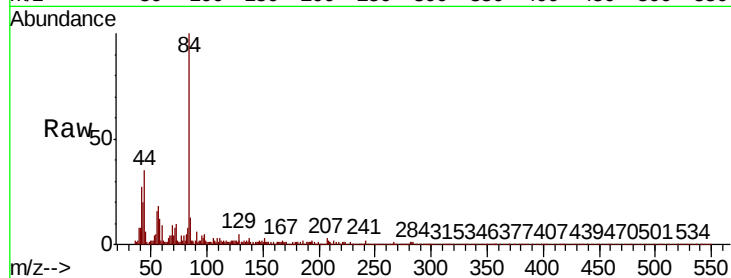




#65
4,6-Dinitro-2-methylphenol
Concen: 6.905 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

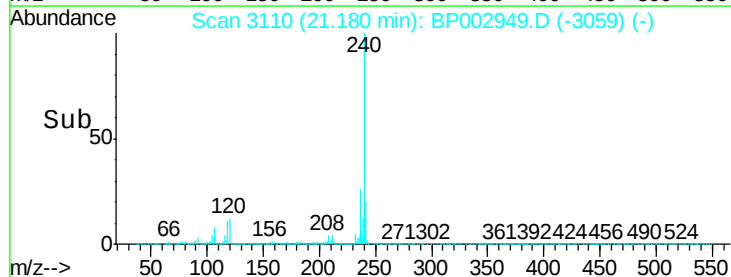
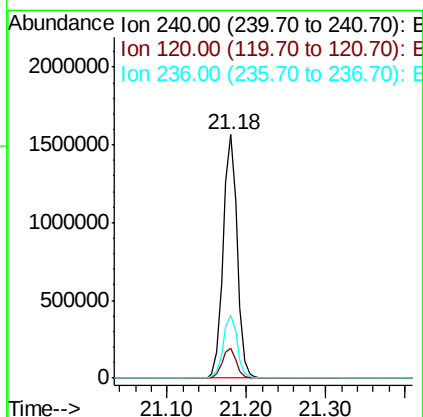
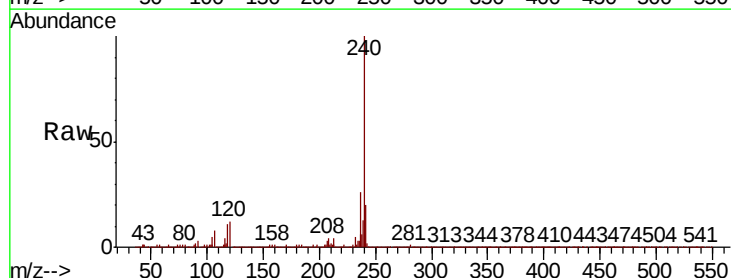
Instrument :
BNA_P
ClientSampleId :
CS-13

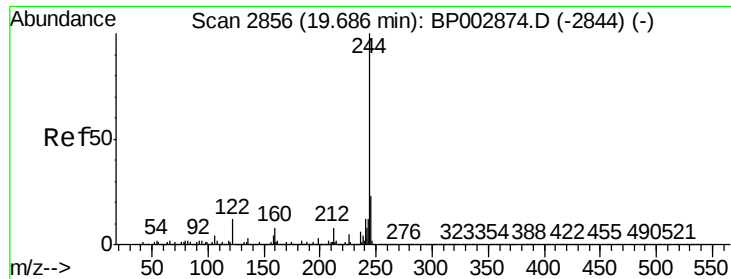
Tot Ion:198 Resp: 56
Ion Ratio Lower Upper
198 100
51 714.3 6.5 46.5#
105 978.6 20.4 60.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

Tgt Ion:240 Resp: 1917875
Ion Ratio Lower Upper
240 100
120 12.2 10.6 16.0
236 26.1 20.7 31.1





#79

Terphenyl-d14

Concen: 53.487 ng

RT: 19.67 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BP002949.D

Acq: 12 Aug 2020 15:03

Instrument :

BNA_P

ClientSampleId :

CS-13

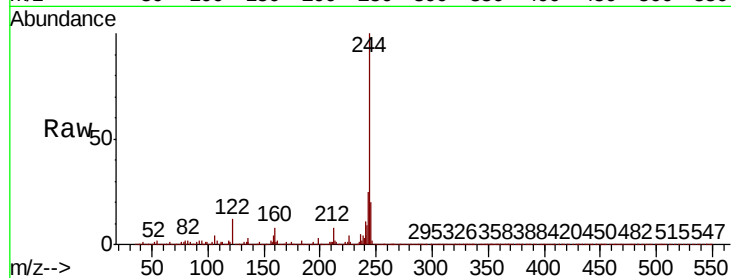
Tot Ion:244 Resp: 5124099

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

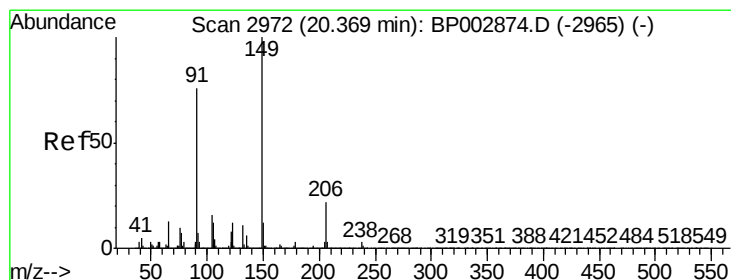
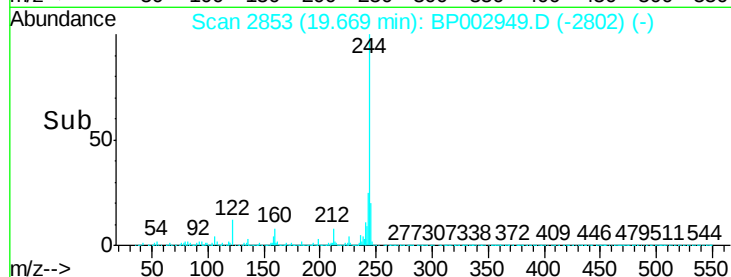
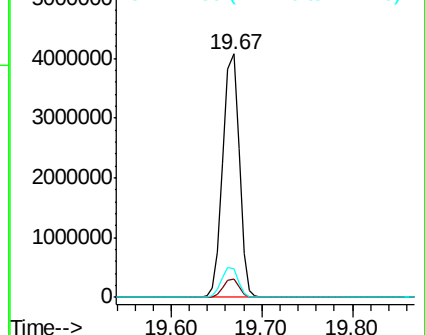
122 11.8 9.9 14.9



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: 3.118 ng

RT: 20.35 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BP002949.D

Acq: 12 Aug 2020 15:03

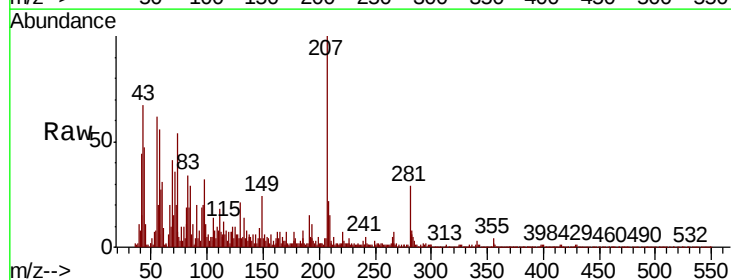
Tgt Ion:149 Resp: 3522

Ion Ratio Lower Upper

149 100

91 82.8 46.5 69.7#

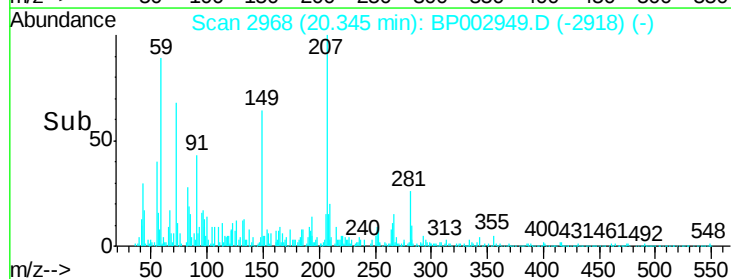
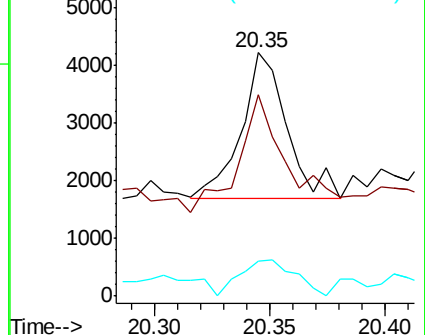
206 14.6 17.2 25.8#

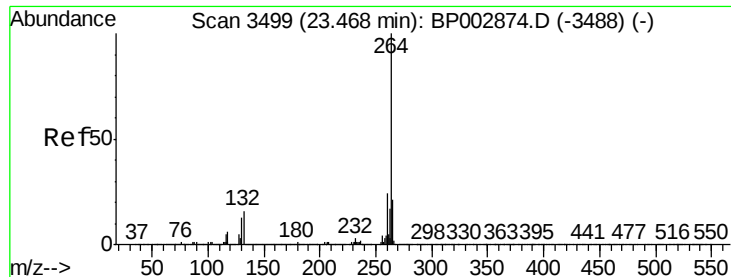


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E



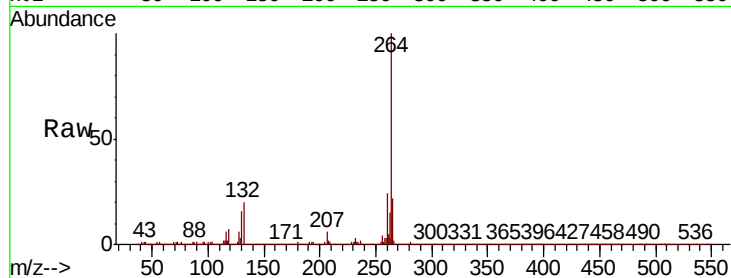


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BP002949.D
Acq: 12 Aug 2020 15:03

Instrument :
BNA_P
ClientSampleId :
CS-13

Tot Ion:264 Resp: 2244663

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.7	17.6	26.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

