

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
 Data File : BP001410.D
 Acq On : 25 Dec 2019 06:49
 Operator : JU
 Sample : K6401-01DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

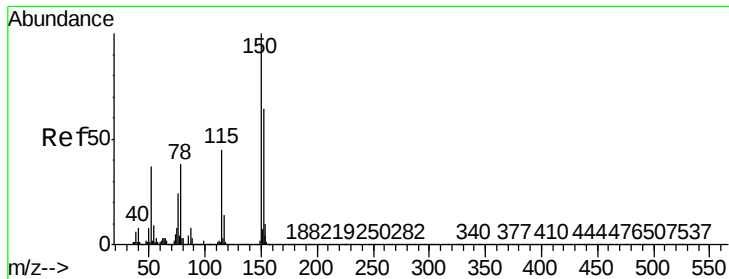
Quant Time: Dec 25 08:19:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	38252	20.00	ng	0.03
21) Naphthalene-d8	10.33	136	119112	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	68172	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	125797	20.00	ng	0.00
76) Chrysene-d12	19.23	240	101726	20.00	ng	0.00
87) Perylene-d12	21.00	264	108732	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	51068	21.58	ng	0.00
7) Phenol-d6	7.75	99	77394	25.06	ng	0.00
23) Nitrobenzene-d5	9.18	82	56865	18.33	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	12653	14.85	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	65084	12.07	ng	0.00
79) Terphenyl-d14	17.86	244	71095	11.97	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	7.59	77	158956	73.371	ng	# 1
12) 1,3-Dichlorobenzene	8.22	146	10650	3.593	ng	# 91
13) 1,4-Dichlorobenzene	8.35	146	15548	5.149	ng	# 61
14) 1,2-Dichlorobenzene	8.58	146	29533	10.266	ng	# 10
15) Benzyl Alcohol	8.59	79	22307	7.698	ng	# 45
17) 2-Methylphenol	8.78	107	5287	2.514	ng	# 1
18) Hexachloroethane	9.11	117	29671	23.099	ng	# 1
19) n-Nitroso-di-n-propylamine	8.99	70	76788	35.024	ng	# 31
22) Acetophenone	8.95	105	404520	107.395	ng	# 52
27) 2,4-Dimethylphenol	9.82	122	4178	2.609	ng	# 36
31) Naphthalene	10.36	128	163902	25.208	ng	# 99
32) Benzoic acid	10.03	122	905	5.649	ng	# 1
37) 2-Methylnaphthalene	11.49	142	11441	2.549	ng	# 99
50) Dimethylphthalate	12.77	163	13065	2.336	ng	# 96
84) Bis(2-ethylhexyl)phthalate	19.27	149	12300	2.276	ng	# 95

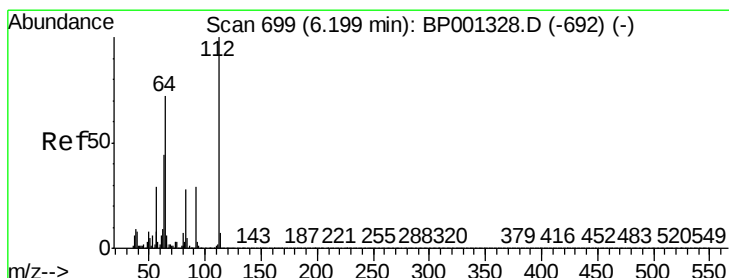
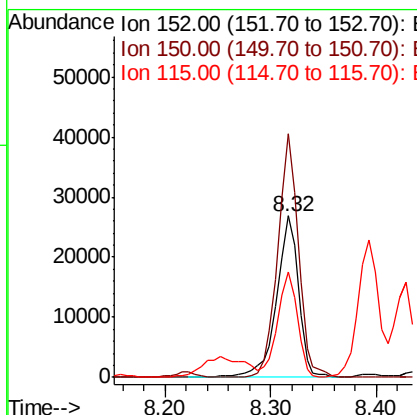
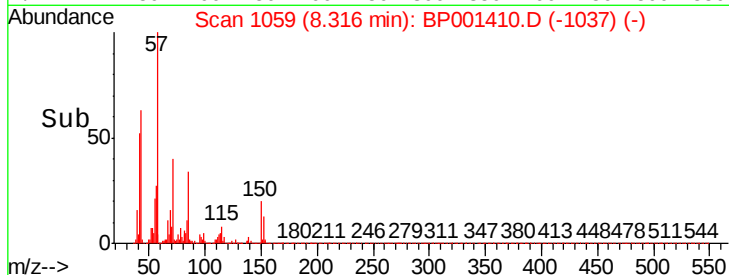
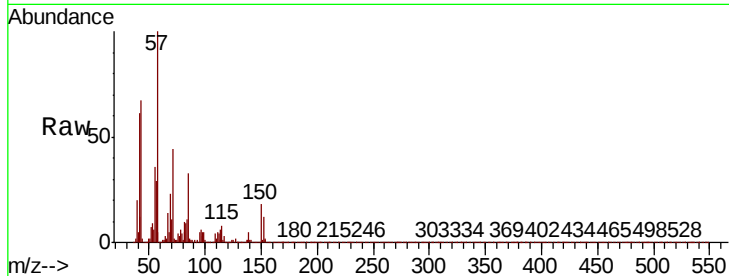
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.32 min Scan# 1059
 Delta R.T. 0.03 min
 Lab File: BP001410.D
 Acq: 25 Dec 2019 06:49

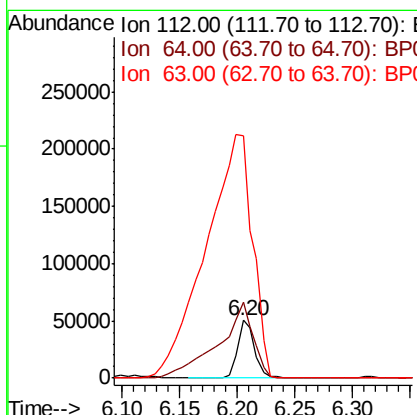
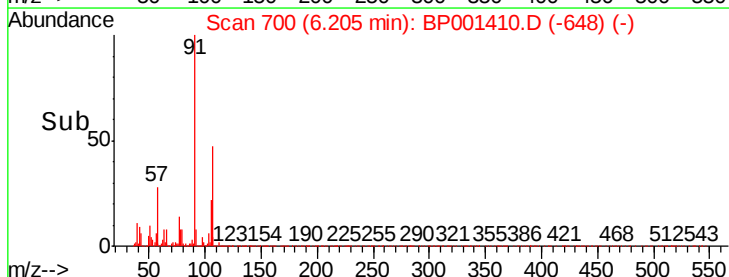
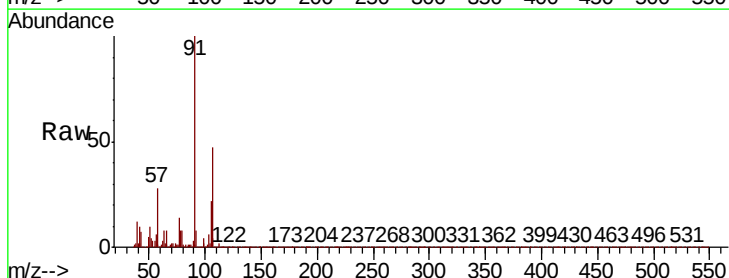
Instrument :
 BNA_P
 ClientSampleId :

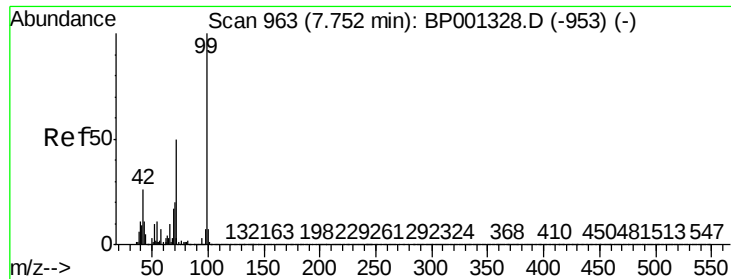
Tot Ion:	152	Resp:	38252
Ion Ratio	Lower	Upper	
152	100		
150	150.7	127.0	190.6
115	64.9	56.1	84.1



#5
 2-Fluorophenol
 Concen: 21.577 ng
 RT: 6.20 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BP001410.D
 Acq: 25 Dec 2019 06:49

Tgt Ion:	112	Resp:	51068
Ion Ratio	Lower	Upper	
112	100		
64	131.5	53.9	80.9#
63	417.7	33.4	50.0#





#7

Phenol-d6

Concen: 25.060 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001410.D

Acq: 25 Dec 2019 06:49

Instrument :

BNA_P

ClientSampled :

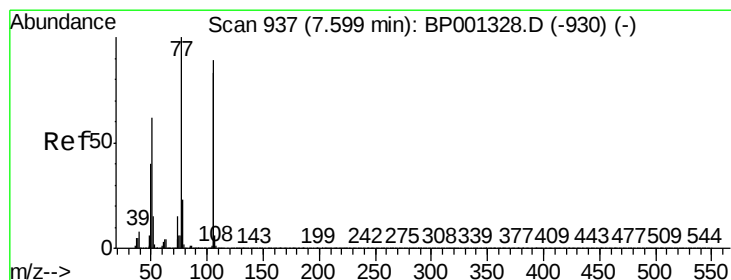
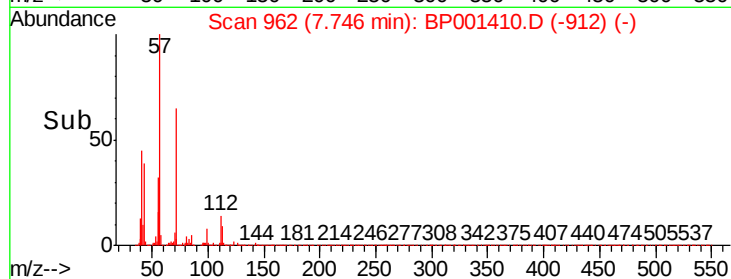
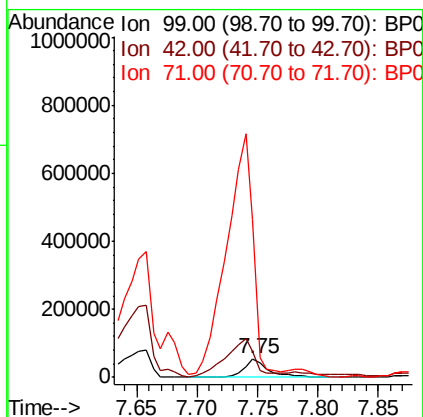
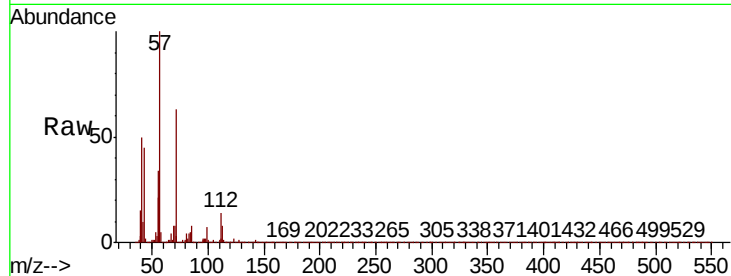
Tot Ion: 99 Resp: 77394

Ion Ratio Lower Upper

99 100

42 143.1 20.8 31.2#

71 857.3 38.2 57.4#



#9

Benzaldehyde

Concen: 73.371 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.01 min

Lab File: BP001410.D

Acq: 25 Dec 2019 06:49

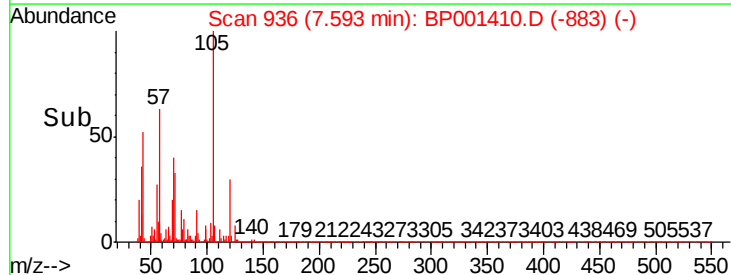
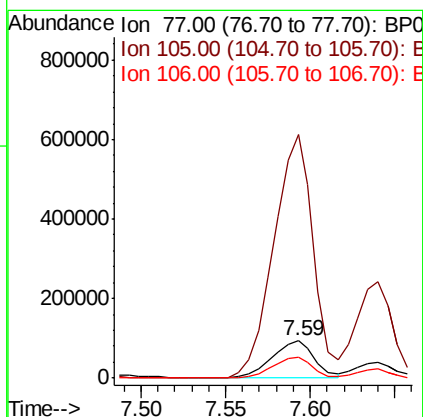
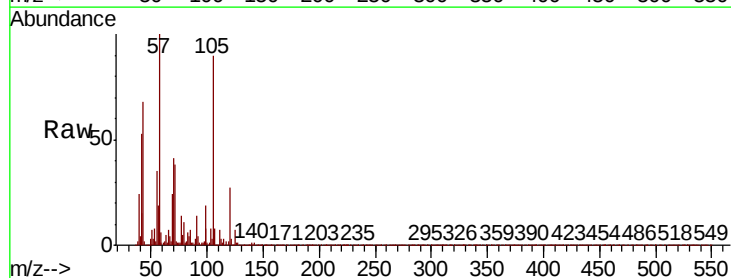
Tgt Ion: 77 Resp: 158956

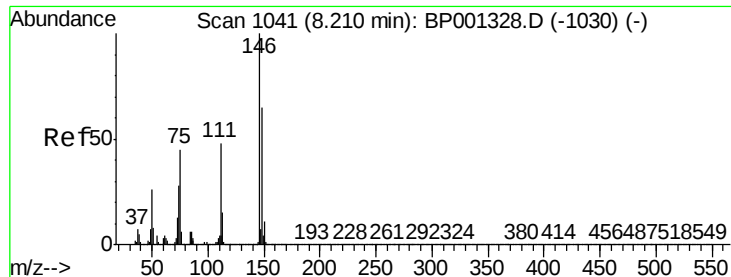
Ion Ratio Lower Upper

77 100

105 655.9 75.7 115.7#

106 55.6 70.5 110.5#





#12

1,3-Dichlorobenzene

Concen: 3.593 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.03 min

Lab File: BP001410.D

Acq: 25 Dec 2019 06:49

Instrument :

BNA_P

ClientSampleId :

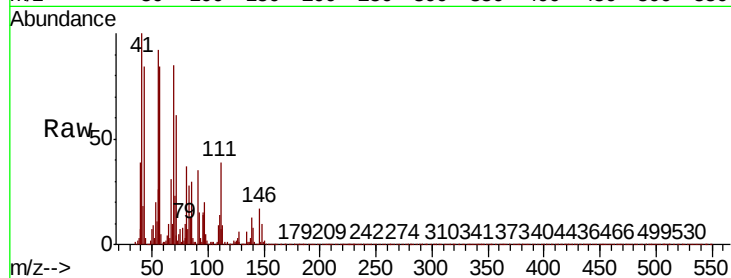
Tot Ion:146 Resp: 10650

Ion Ratio Lower Upper

146 100

148 58.0 52.2 78.2

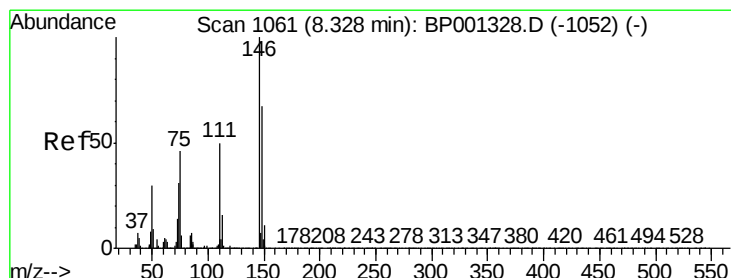
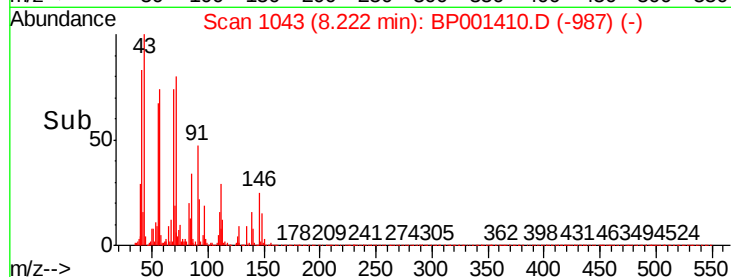
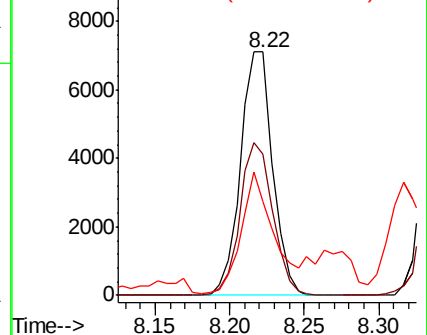
75 38.7 35.8 53.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BP0



#13

1,4-Dichlorobenzene

Concen: 5.149 ng

RT: 8.35 min Scan# 1064

Delta R.T. 0.03 min

Lab File: BP001410.D

Acq: 25 Dec 2019 06:49

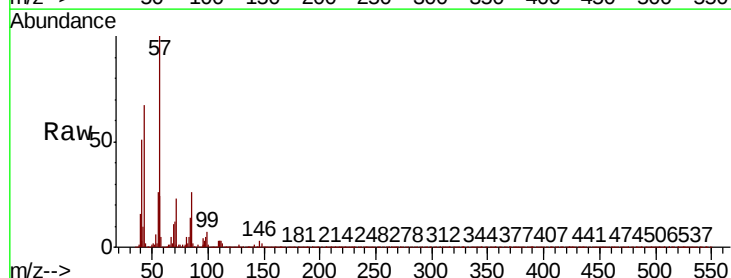
Tgt Ion:146 Resp: 15548

Ion Ratio Lower Upper

146 100

148 62.3 51.9 77.9

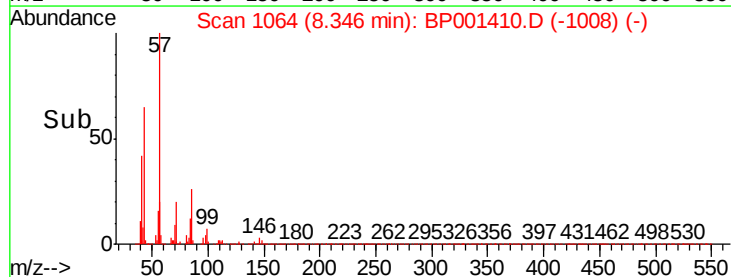
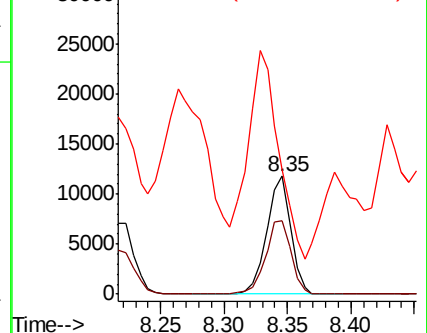
111 105.3 36.8 55.2#

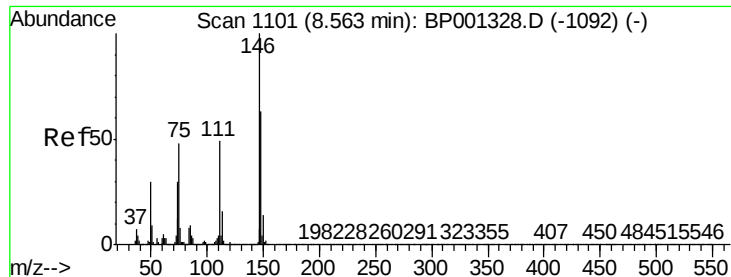


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

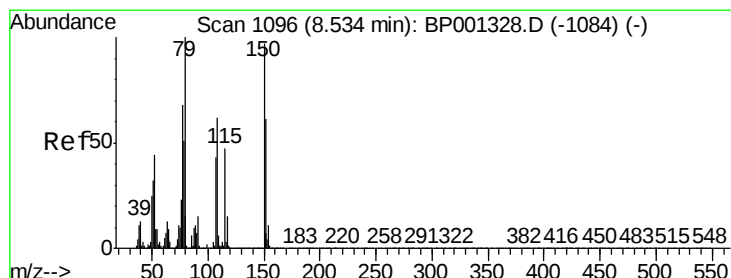
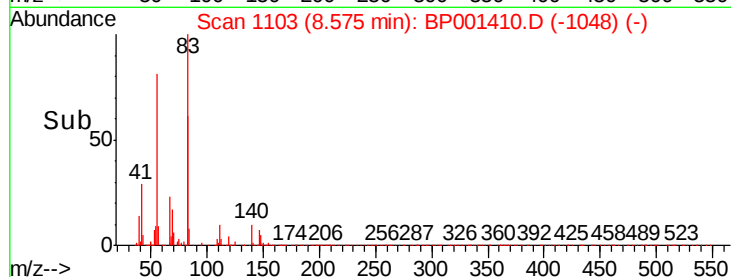
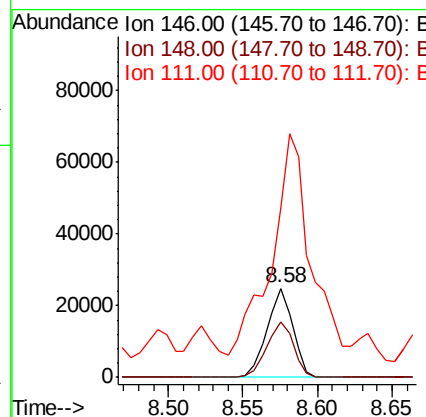
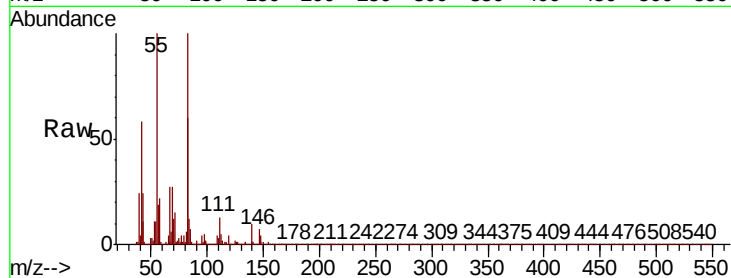




#14
1,2-Dichlorobenzene
Concen: 10.266 ng
RT: 8.58 min Scan# 1103
Delta R.T. 0.02 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

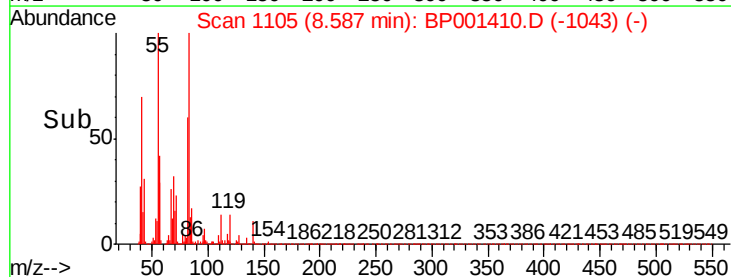
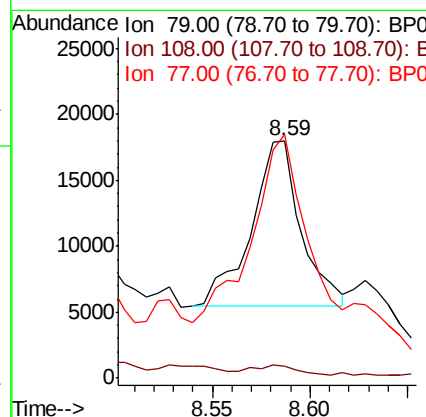
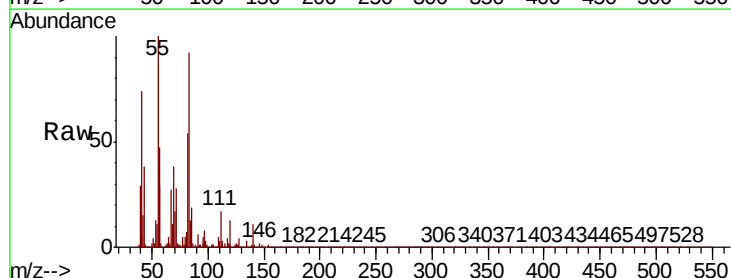
Instrument :
BNA_P
ClientSampleId :

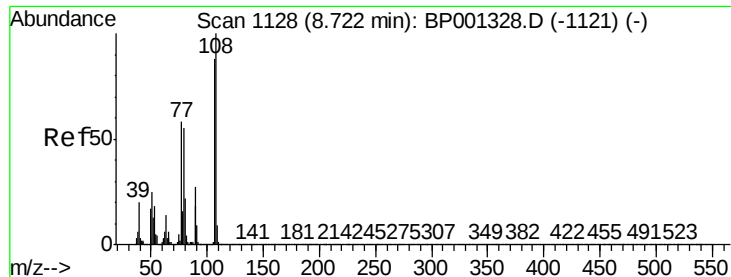
Tot Ion:146 Resp: 29533
Ion Ratio Lower Upper
146 100
148 62.6 53.1 79.7
111 189.7 39.5 59.3#



#15
Benzyl Alcohol
Concen: 7.698 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.06 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

Tgt Ion: 79 Resp: 22307
Ion Ratio Lower Upper
79 100
108 5.2 49.0 73.4#
77 102.6 56.7 85.1#

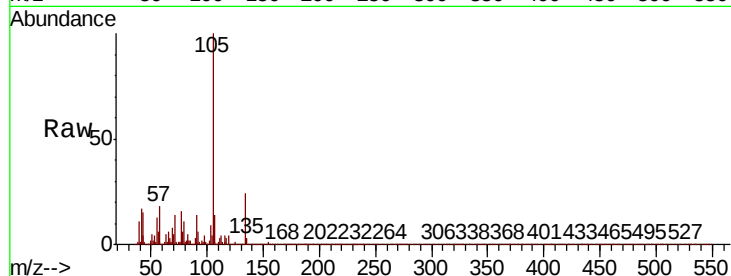




#17
2-Methylphenol
Concen: 2.514 ng
RT: 8.78 min Scan# 1137
Delta R.T. 0.05 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	5.9	88.8	133.2#
77	2044.2	48.9	73.3#
79	1463.7	48.8	73.2#



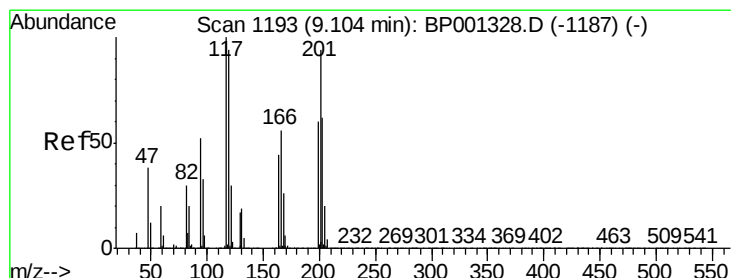
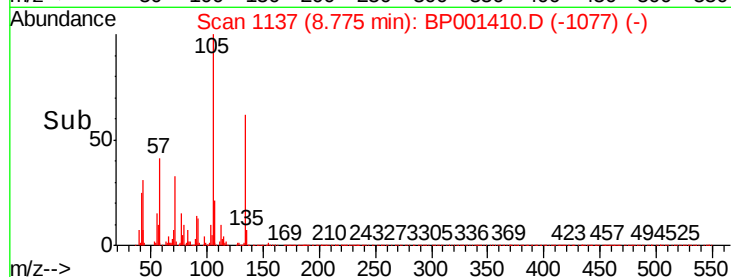
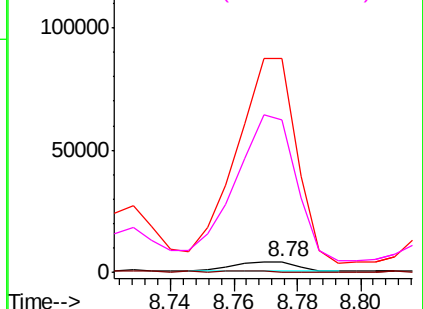
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

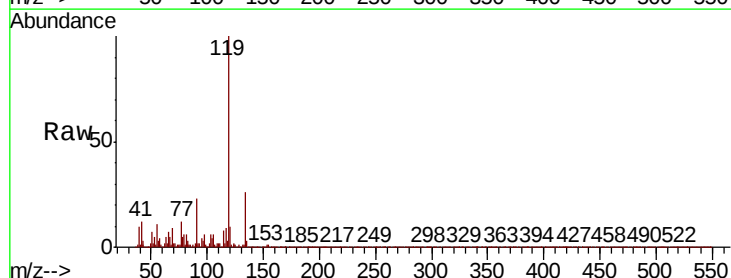
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 23.099 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.02 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	1131.4	75.8	113.6#
201	0.0	77.8	116.6#

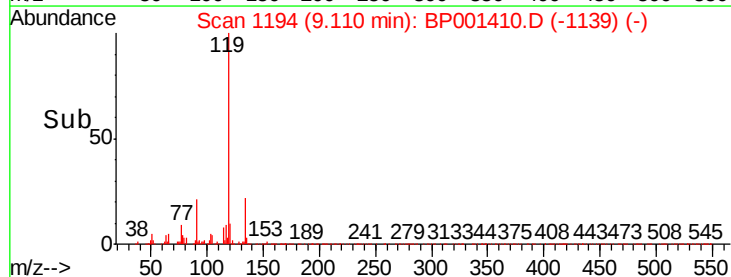
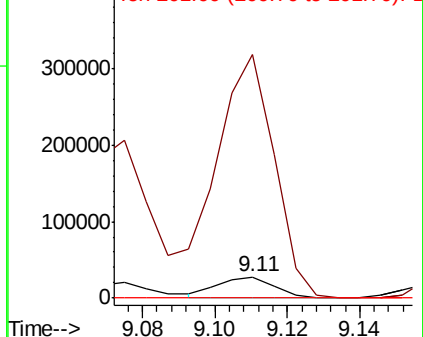


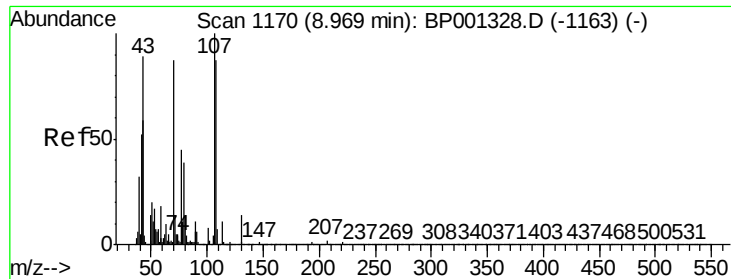
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

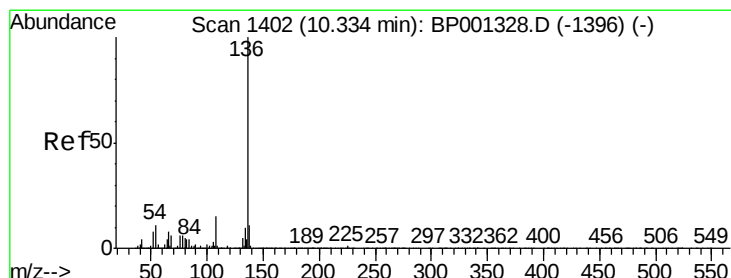
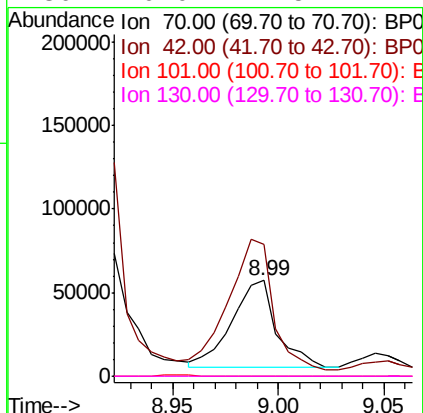
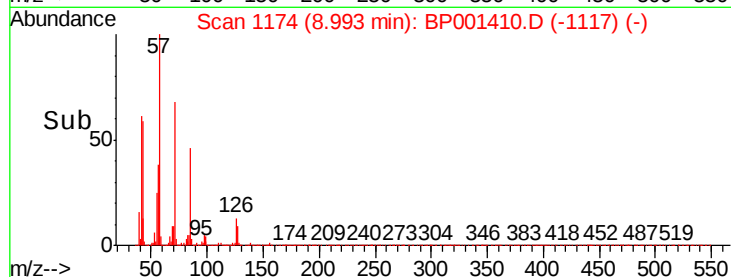
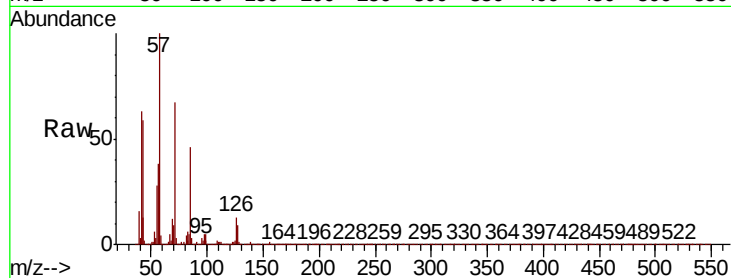




#19
n-Nitroso-di-n-propylamine
Concen: 35.024 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.04 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

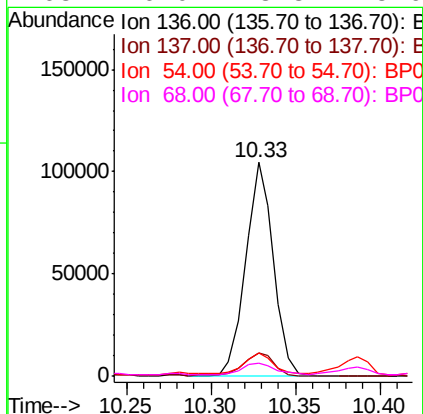
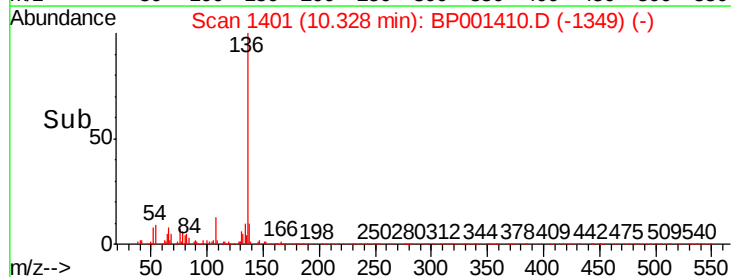
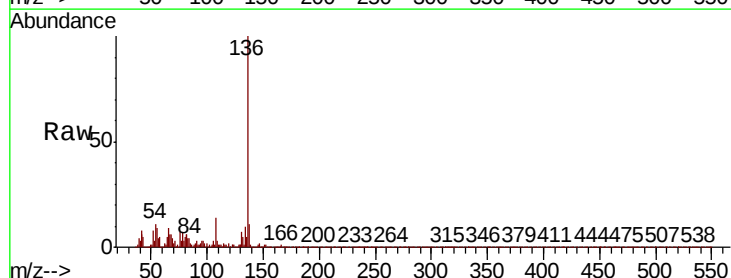
Instrument :
BNA_P
ClientSampleId :

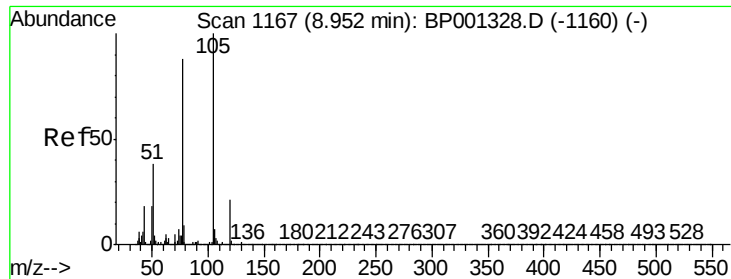
Tot Ion: 70 Resp: 76788
Ion Ratio Lower Upper
70 100
42 137.6 55.8 83.8#
101 0.0 8.2 12.2#
130 0.0 14.5 21.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

Tgt Ion: 136 Resp: 119112
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 10.9 7.3 10.9
68 6.0 3.8 5.6#

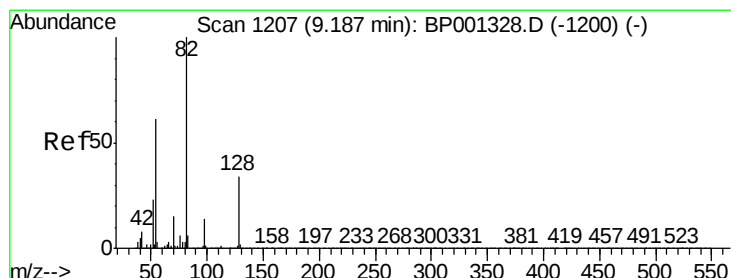
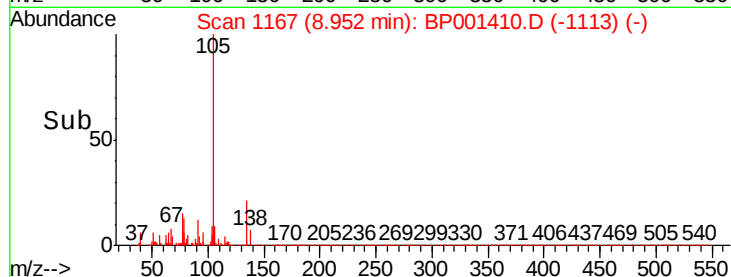
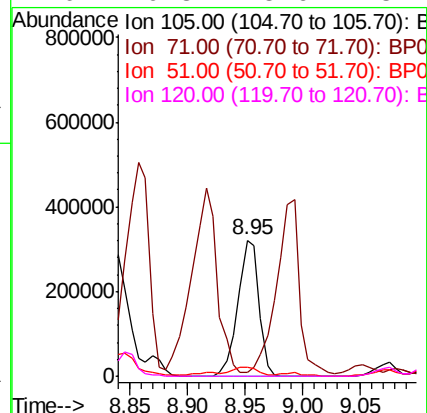
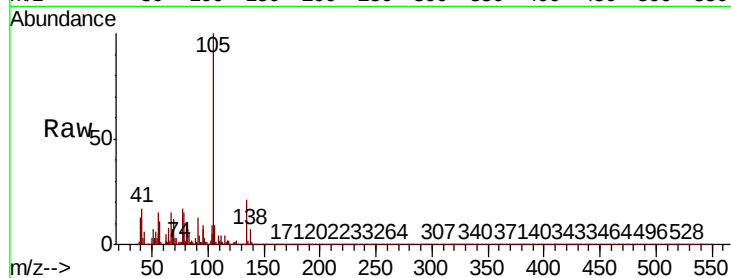




#22
Acetophenone
Concen: 107.395 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.02 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

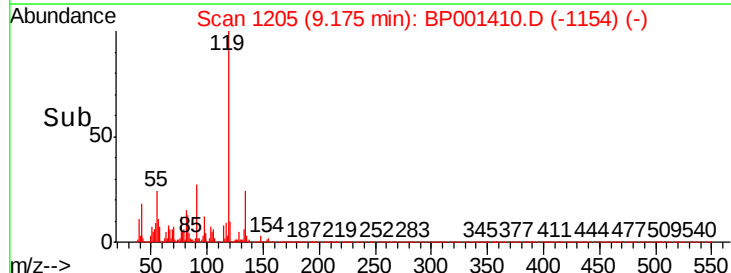
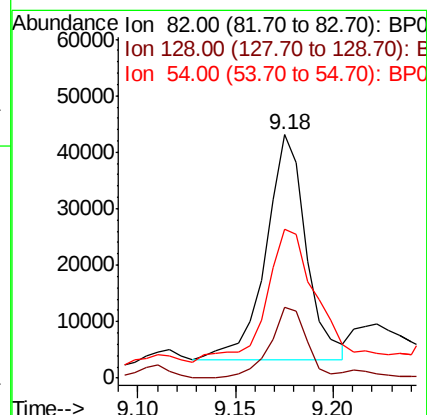
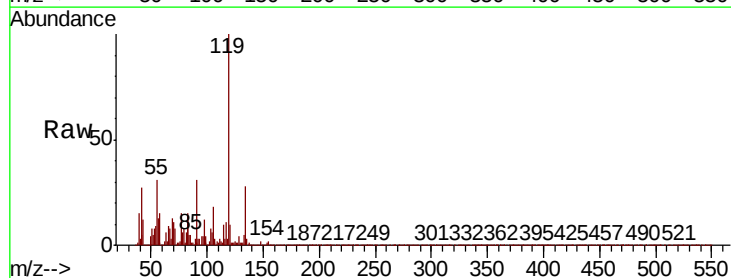
Instrument :
BNA_P
ClientSampleId :

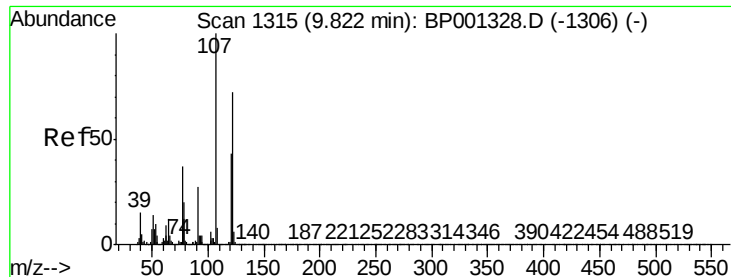
Tot Ion:	105	Resp:	404520
Ion Ratio	Lower	Upper	
105	100		
71	3.0	0.2	0.4#
51	6.7	29.8	44.6#
120	0.3	15.6	23.4#



#23
Nitrobenzene-d5
Concen: 18.333 ng
RT: 9.18 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

Tgt Ion:	82	Resp:	56865
Ion Ratio	Lower	Upper	
82	100		
128	29.2	27.4	41.0
54	61.4	47.5	71.3





#27

2,4-Dimethylphenol

Concen: 2.609 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BP001410.D

Acq: 25 Dec 2019 06:49

Instrument :

BNA_P

ClientSampled :

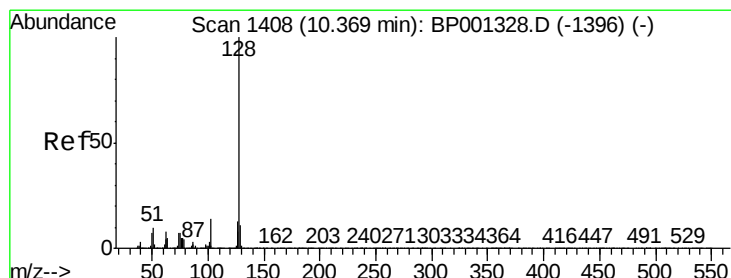
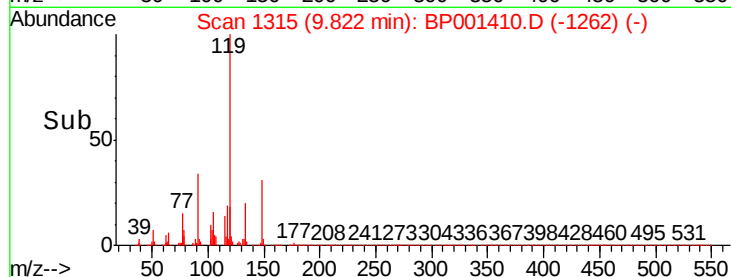
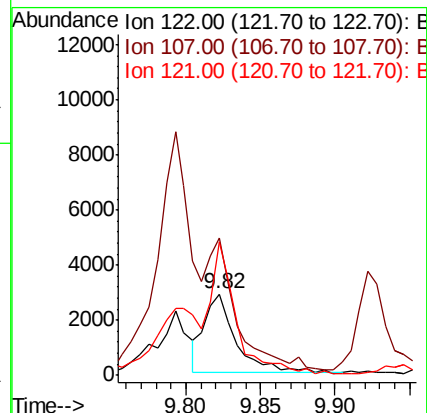
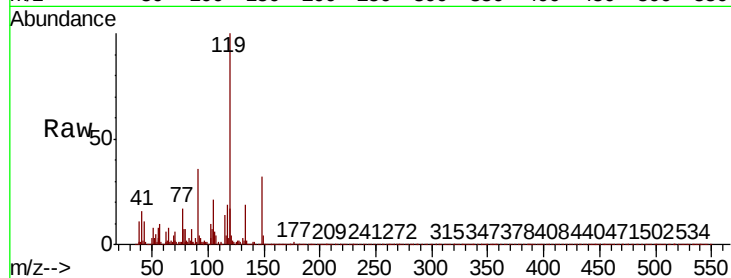
Tot Ion:122 Resp: 4178

Ion Ratio Lower Upper

122 100

107 168.4 106.5 159.7#

121 163.9 47.1 70.7#



#31

Naphthalene

Concen: 25.208 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BP001410.D

Acq: 25 Dec 2019 06:49

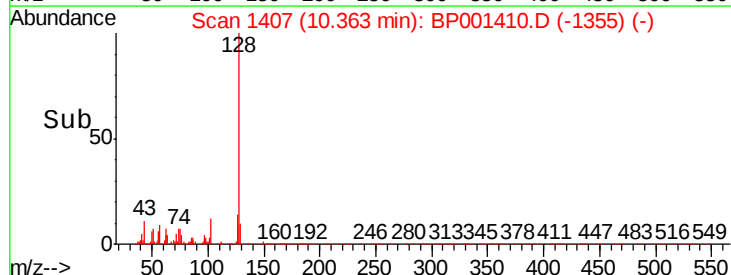
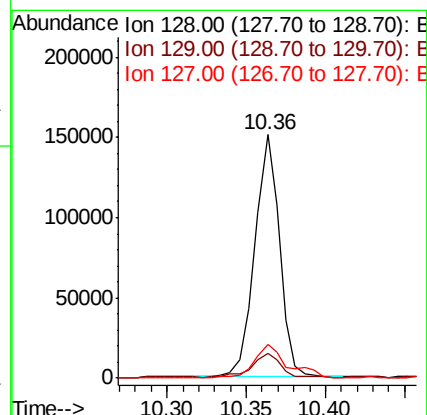
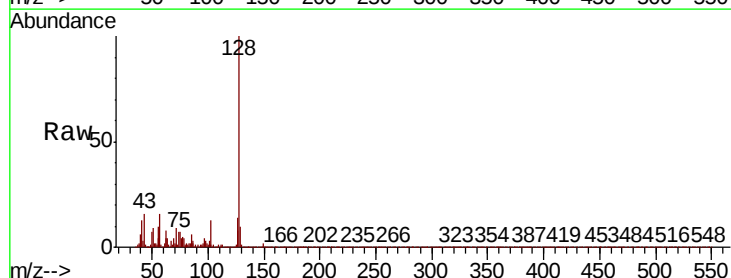
Tgt Ion:128 Resp: 163902

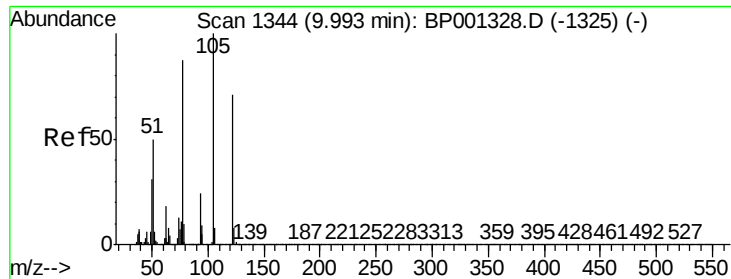
Ion Ratio Lower Upper

128 100

129 10.1 8.6 12.8

127 14.0 11.0 16.6

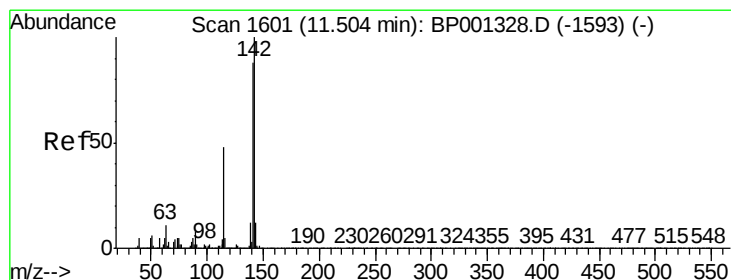
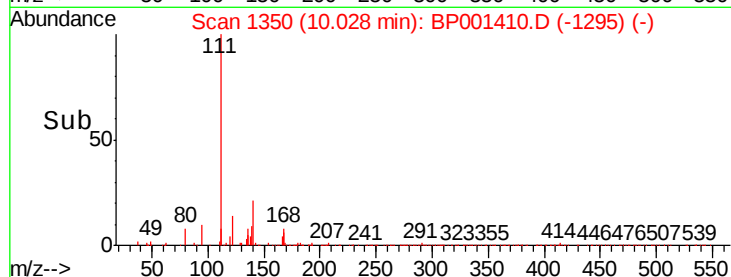
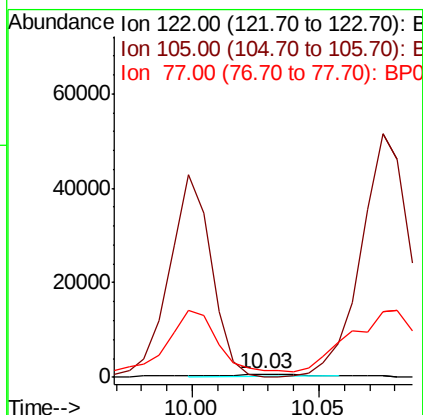
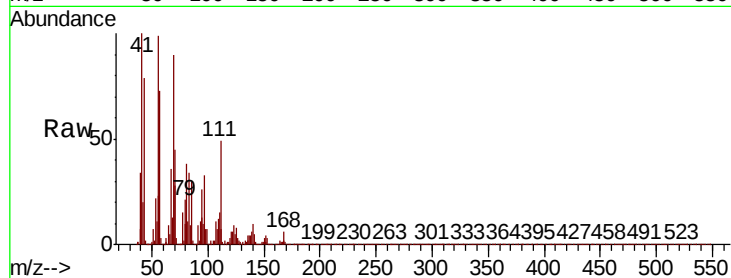




#32
Benzoic acid
Concen: 5.649 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

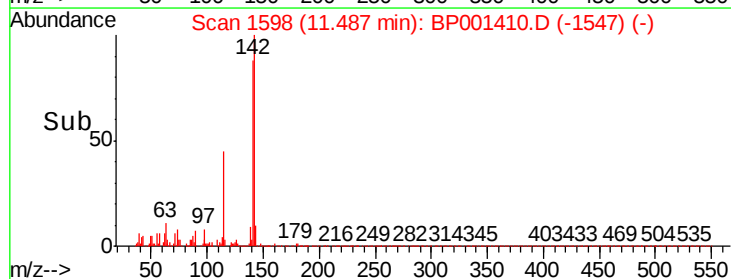
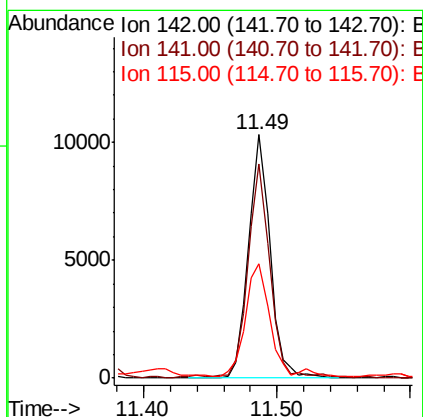
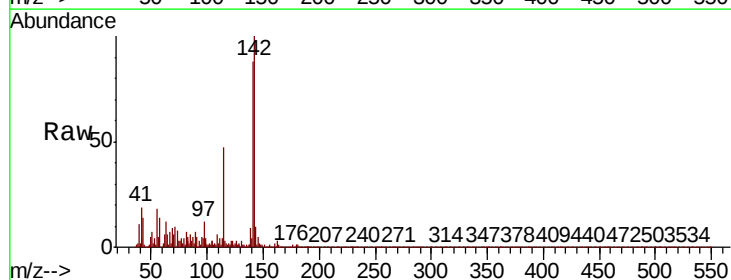
Instrument :
BNA_P
ClientSampleId :

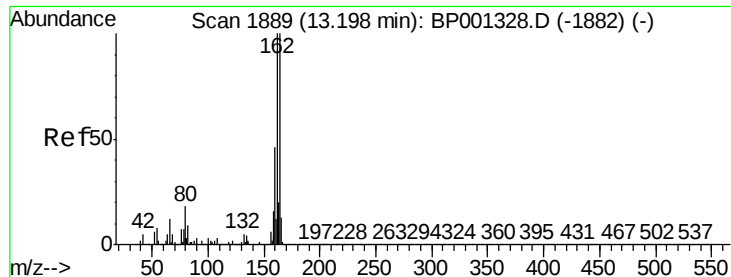
Tot Ion	Ratio	Lower	Upper
122	100		
105	33.5	117.8	157.8#
77	235.9	85.6	125.6#



#37
2-Methylnaphthalene
Concen: 2.549 ng
RT: 11.49 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.2
115	47.2	37.0	55.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. 0.00 min

Lab File: BP001410.D

Acq: 25 Dec 2019 06:49

Instrument :

BNA_P

ClientSampleId :

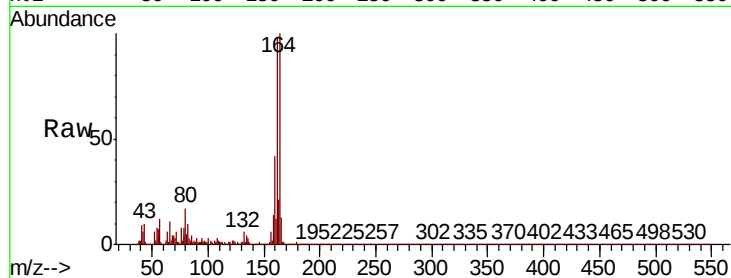
Tot Ion:164 Resp: 68172

Ion Ratio Lower Upper

164 100

162 98.4 78.2 117.4

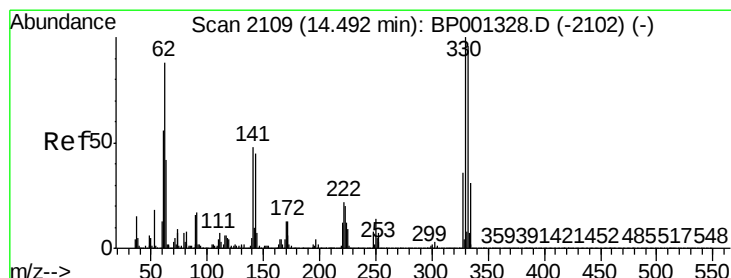
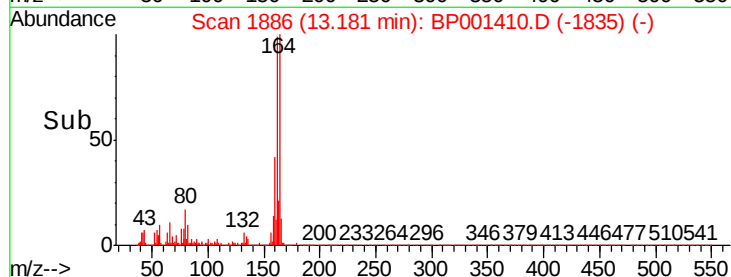
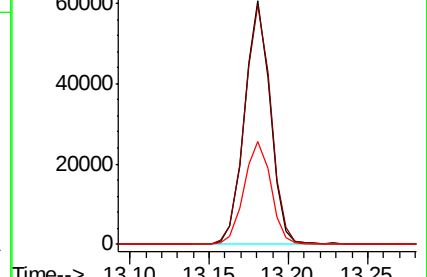
160 42.4 35.1 52.7



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: 14.846 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001410.D

Acq: 25 Dec 2019 06:49

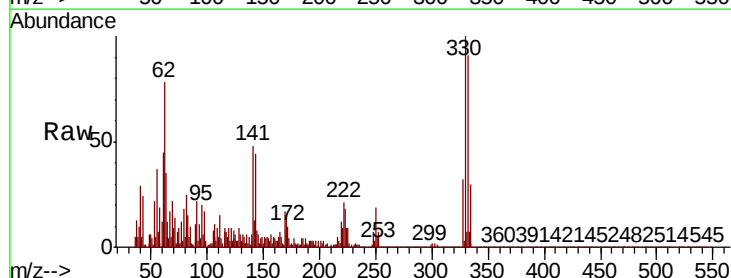
Tgt Ion:330 Resp: 12653

Ion Ratio Lower Upper

330 100

332 94.8 78.3 117.5

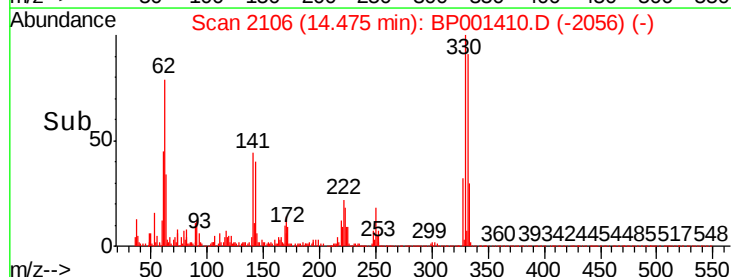
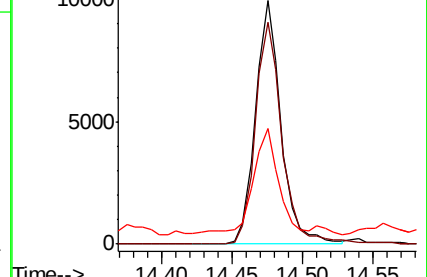
141 44.9 26.8 40.2#

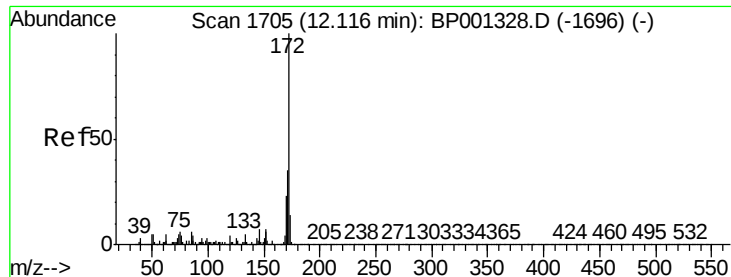


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

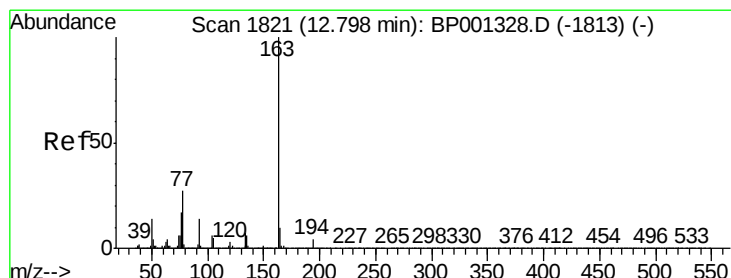
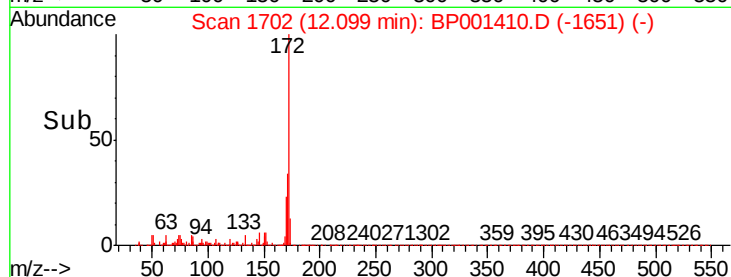
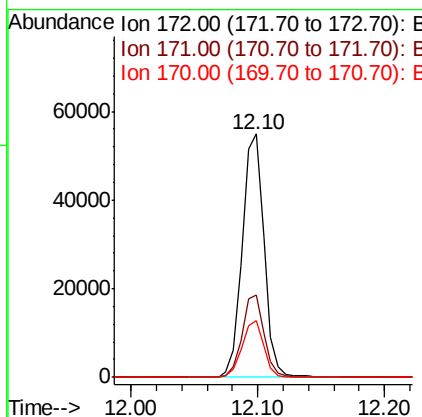
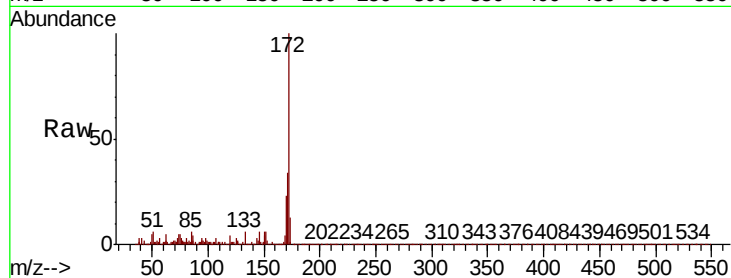




#45
2-Fluorobiphenyl
Concen: 12.072 ng
RT: 12.10 min Scan# 1702
Delta R.T. 0.00 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

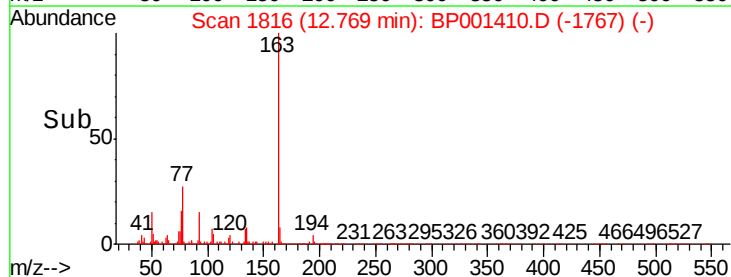
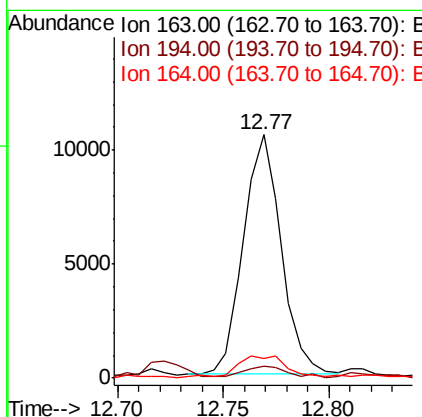
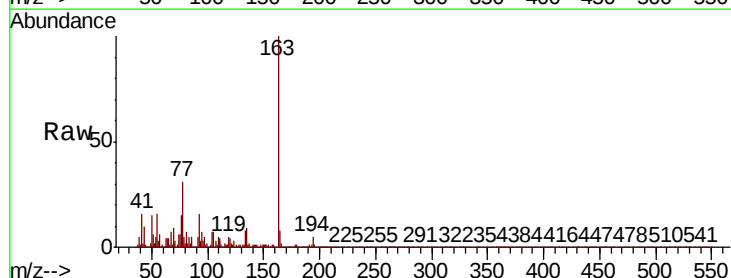
Instrument :
BNA_P
ClientSampleId :

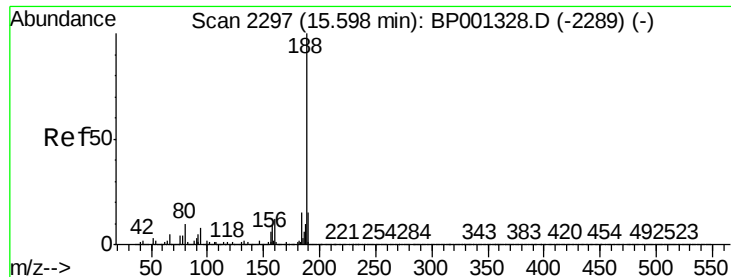
Tot Ion:172 Resp: 65084
Ion Ratio Lower Upper
172 100
171 33.6 27.4 41.0
170 23.2 18.2 27.4



#50
Dimethylphthalate
Concen: 2.336 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

Tgt Ion:163 Resp: 13065
Ion Ratio Lower Upper
163 100
194 5.1 3.2 4.8#
164 8.2 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BP001410.D

Acq: 25 Dec 2019 06:49

Instrument :

BNA_P

ClientSampleId :

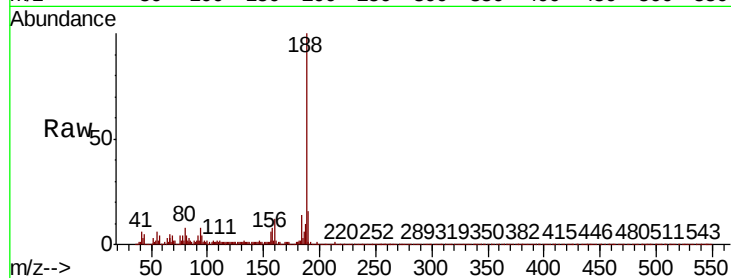
Tot Ion:188 Resp: 125797

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.8

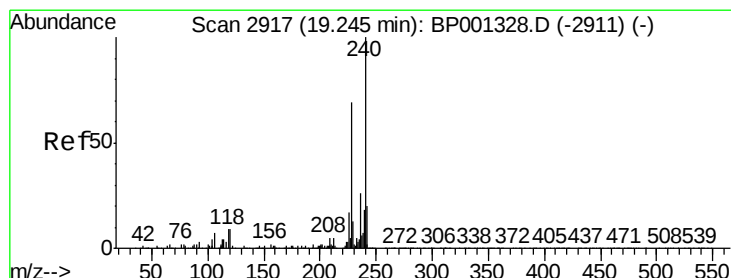
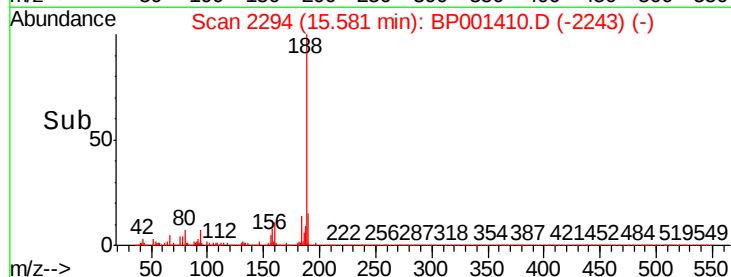
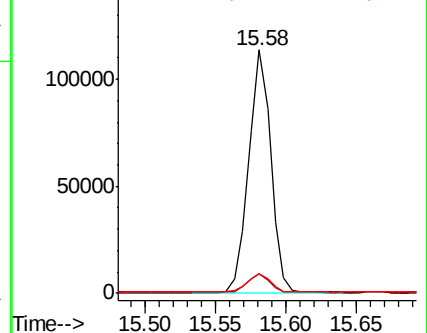
80 7.8 5.7 8.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.23 min Scan# 2914

Delta R.T. 0.00 min

Lab File: BP001410.D

Acq: 25 Dec 2019 06:49

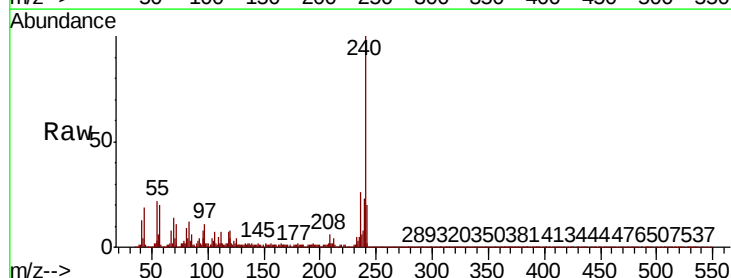
Tgt Ion:240 Resp: 101726

Ion Ratio Lower Upper

240 100

120 7.9 6.2 9.2

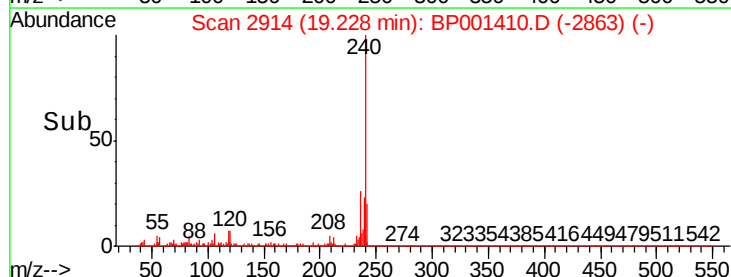
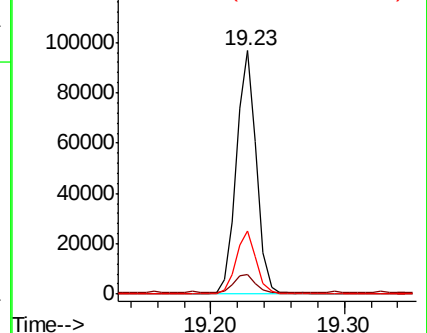
236 25.9 20.2 30.2

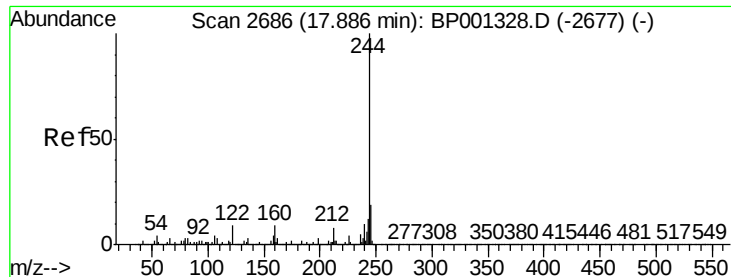


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 11.970 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001410.D

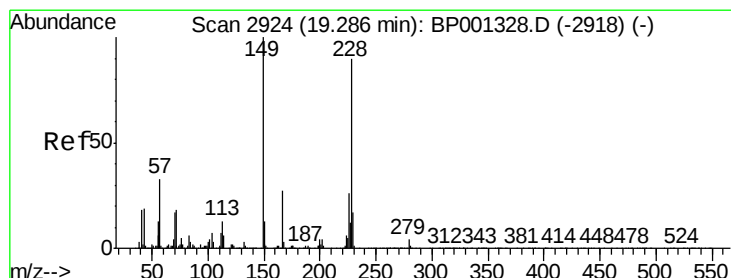
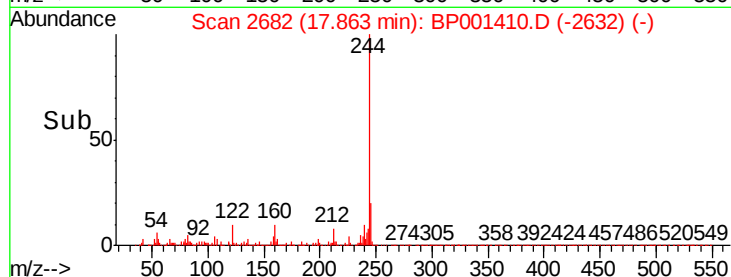
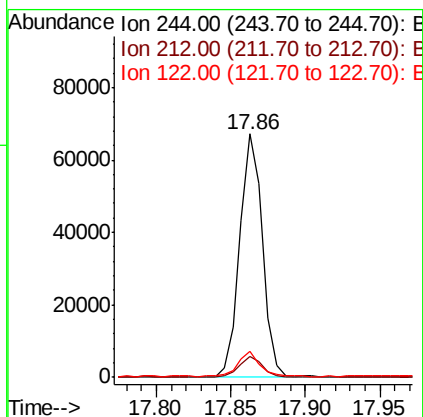
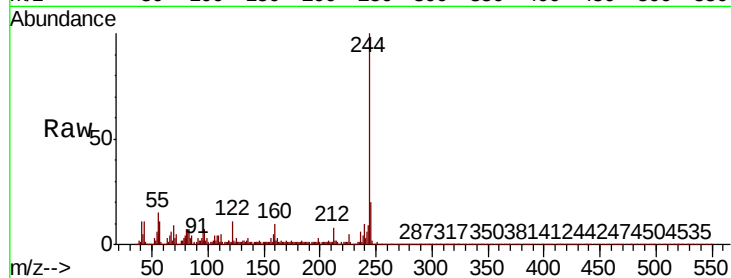
Acq: 25 Dec 2019 06:49

Instrument :

BNA_P

ClientSampleId :

Tot Ion:244	Resp:	71095
Ion Ratio	Lower	Upper
244 100		
212 8.5	5.8	8.8
122 10.6	6.4	9.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.276 ng

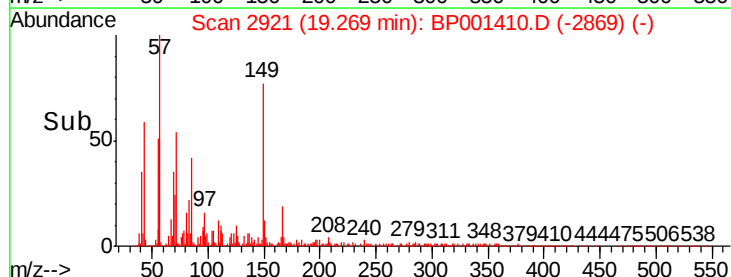
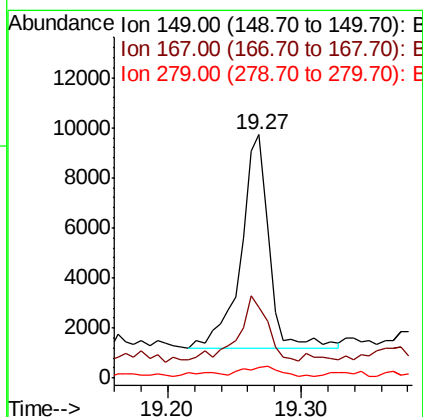
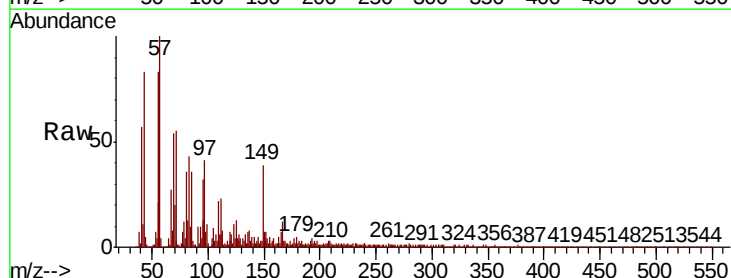
RT: 19.27 min Scan# 2921

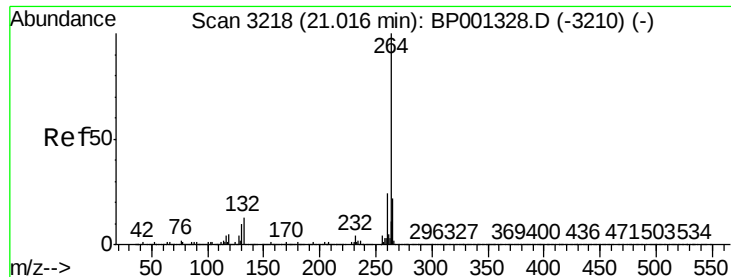
Delta R.T. 0.01 min

Lab File: BP001410.D

Acq: 25 Dec 2019 06:49

Tgt Ion:149	Resp:	12300
Ion Ratio	Lower	Upper
149 100		
167 29.3	21.4	32.0
279 4.6	3.2	4.8

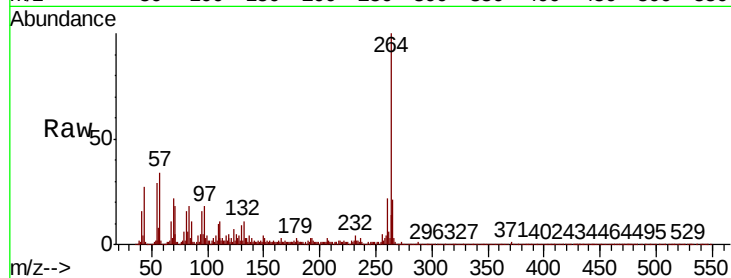




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.00 min Scan# 3216
Delta R.T. 0.01 min
Lab File: BP001410.D
Acq: 25 Dec 2019 06:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.0	28.4
265	21.0	17.0	25.4



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

