

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000107.D
 Acq On : 08 Sep 2019 22:40
 Operator : HP/JU
 Sample : K4737-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 09 06:13:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	402673	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1480344	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	816554	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1539399	20.00	ng	-0.01
76) Chrysene-d12	14.09	240	1353376	20.00	ng	-0.02
87) Perylene-d12	15.62	264	1429169	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	3184150	126.10	ng	0.00
7) Phenol-d6	6.51	99	4094310	128.44	ng	0.00
23) Nitrobenzene-d5	7.45	82	2247458	93.16	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1035181	150.40	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4298205	87.91	ng	0.00
79) Terphenyl-d14	13.03	244	5048776	81.31	ng	0.00

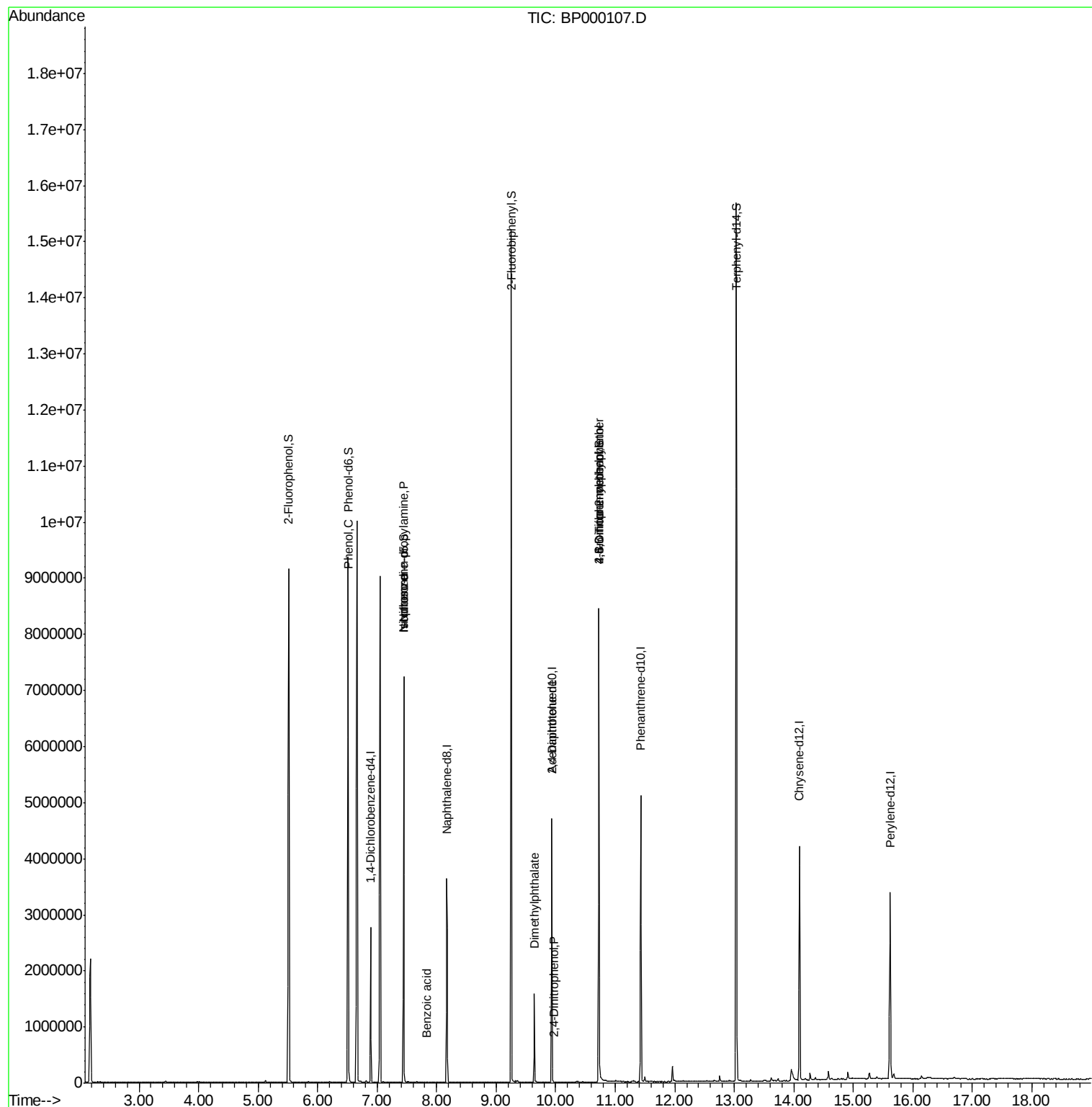
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	118983	3.359	ng	96
19) n-Nitroso-di-n-propylamine	7.45	70	276504	15.241	ng	# 76
25) Isophorone	7.45	82	2247289	44.086	ng	# 66
32) Benzoic acid	7.83	122	609	8.099	ng	97
50) Dimethylphthalate	9.64	163	576128	10.354	ng	100
54) 2,4-Dinitrophenol	9.97	184	132	8.675	ng	# 1
57) 2,4-Dinitrotoluene	9.93	165	105960	7.027	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.72	198	2933	8.140	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	74381	4.754	ng	# 1
69) Atrazine	11.11	200	18	Below Cal		# 1

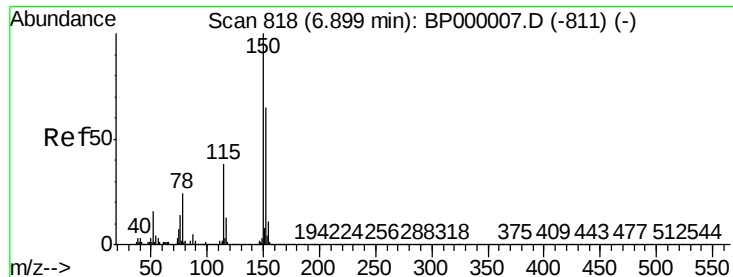
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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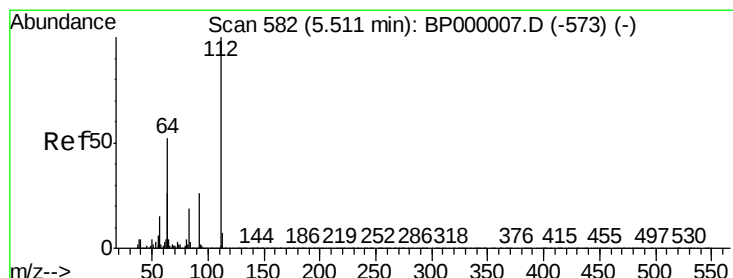
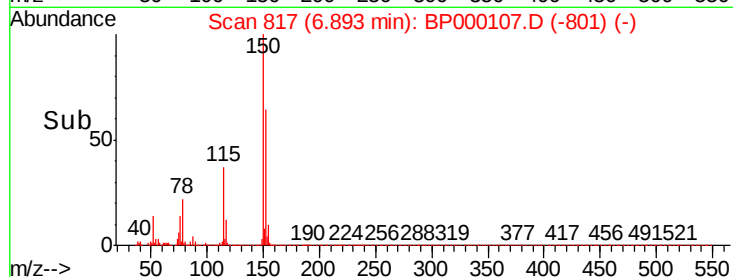
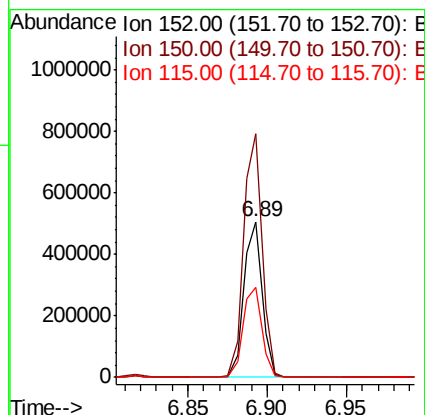
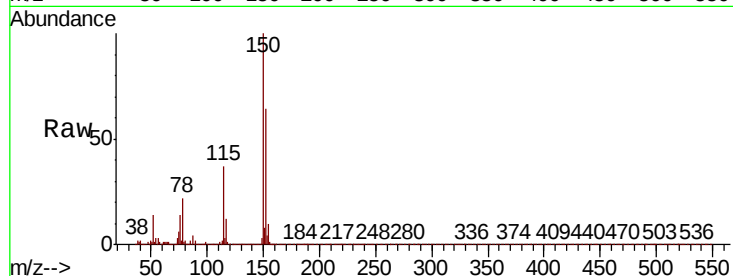


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

Instrument :
BNA_P
ClientSampled :

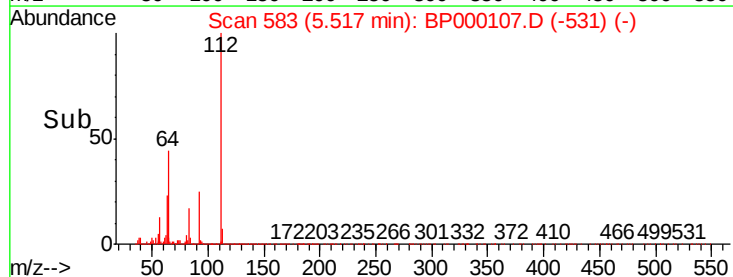
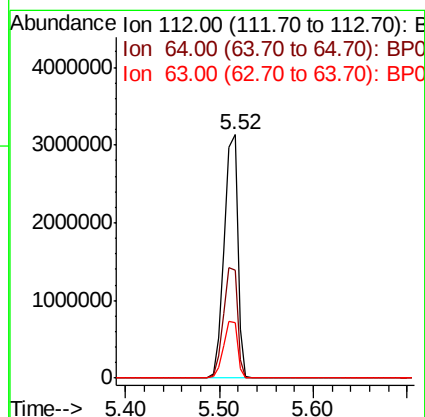
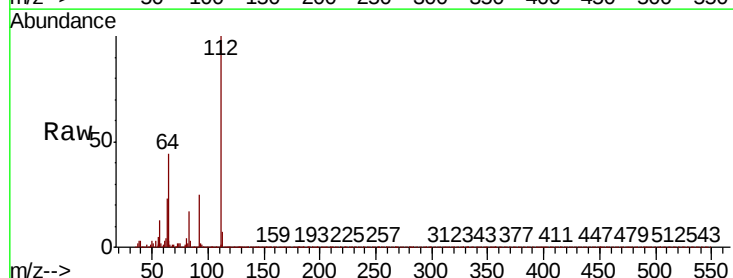
Tot Ion:152 Resp: 402673
Ion Ratio Lower Upper
152 100
150 156.3 123.0 184.6
115 58.0 46.7 70.1

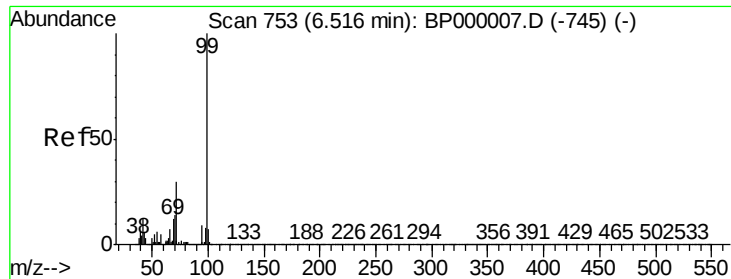


#5

2-Fluorophenol
Concen: 126.095 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

Tgt Ion:112 Resp: 3184150
Ion Ratio Lower Upper
112 100
64 44.5 41.8 62.8
63 22.8 21.0 31.4





#7

Phenol-d6

Concen: 128.435 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000107.D

Acq: 08 Sep 2019 22:40

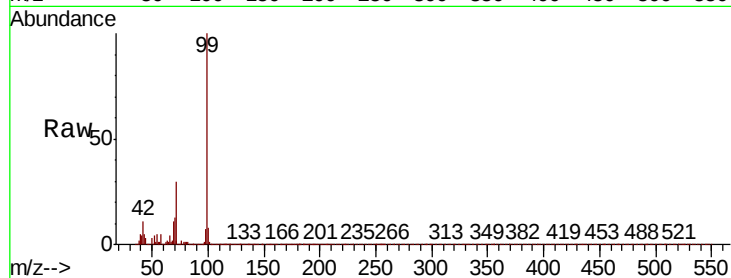
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 4094310

Ion	Ratio	Lower	Upper
99	100		
42	11.3	9.8	14.8
71	29.9	23.8	35.8

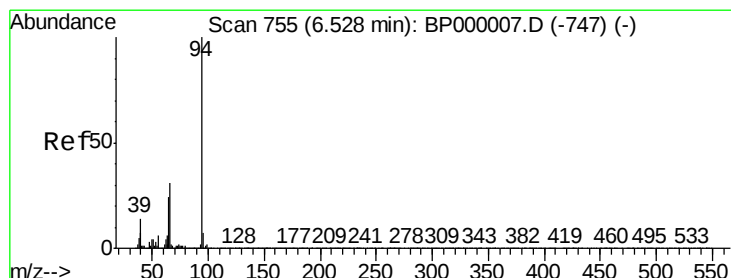
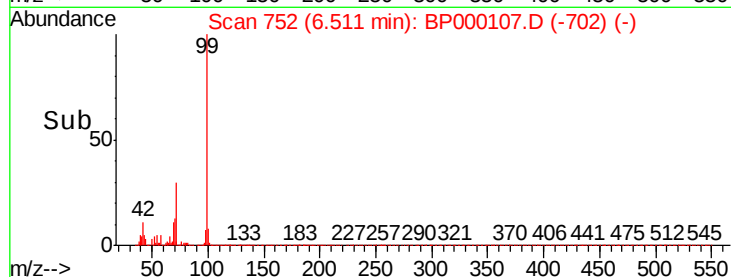


Abundance

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



#10

Phenol

Concen: 3.359 ng

RT: 6.52 min Scan# 754

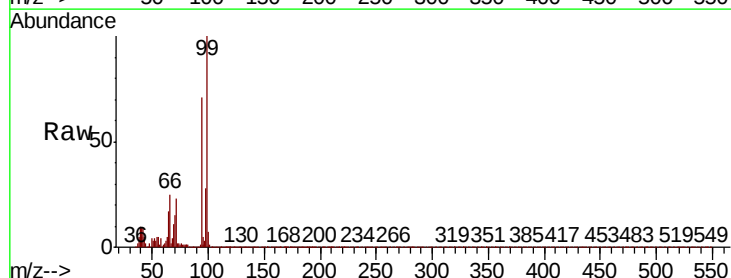
Delta R.T. -0.01 min

Lab File: BP000107.D

Acq: 08 Sep 2019 22:40

Tgt Ion: 94 Resp: 118983

Ion	Ratio	Lower	Upper
94	100		
65	24.4	4.1	44.1
66	34.7	11.4	51.4

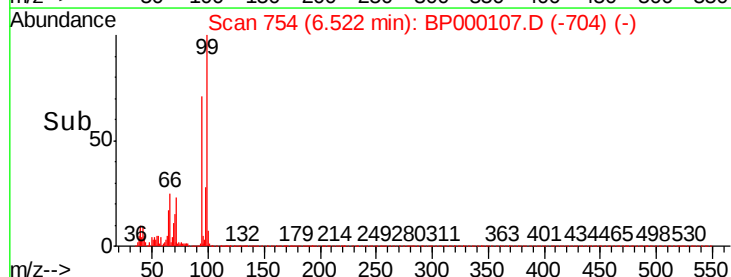


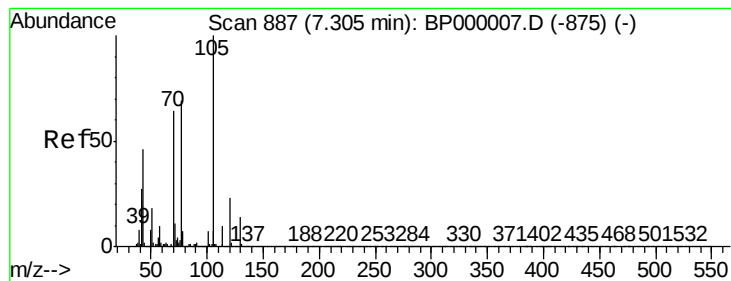
Abundance

Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#19

n-Nitroso-di-n-propylamine

Concen: 15.241 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BP000107.D

Acq: 08 Sep 2019 22:40

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 70 Resp: 276504

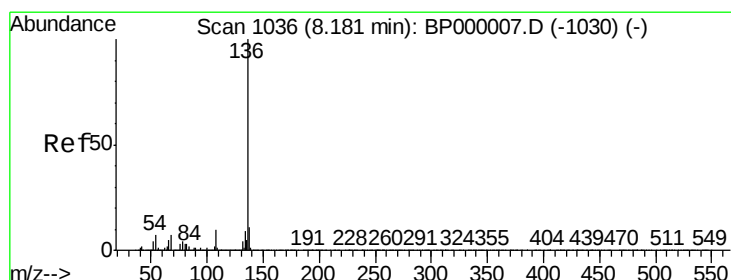
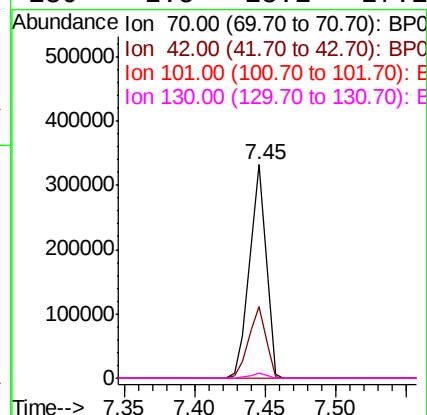
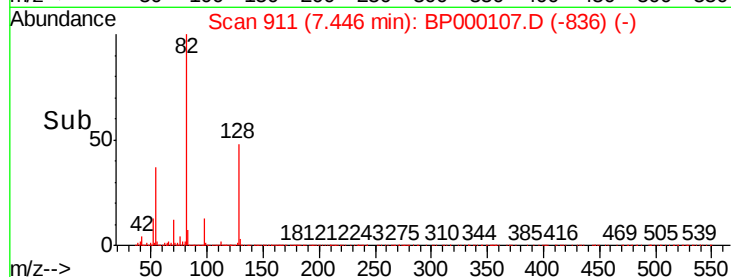
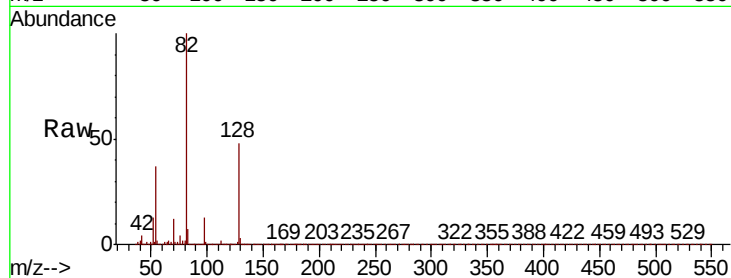
Ion Ratio Lower Upper

70 100

42 33.7 33.8 50.6#

101 0.0 8.7 13.1#

130 2.5 18.1 27.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BP000107.D

Acq: 08 Sep 2019 22:40

Tgt Ion:136 Resp: 1480344

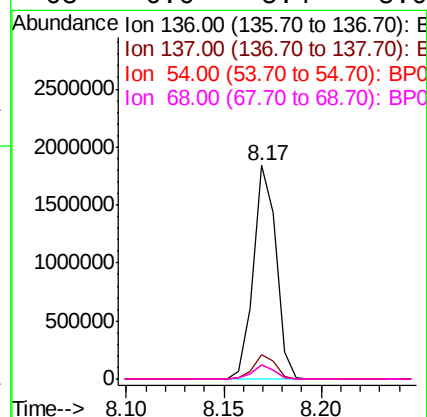
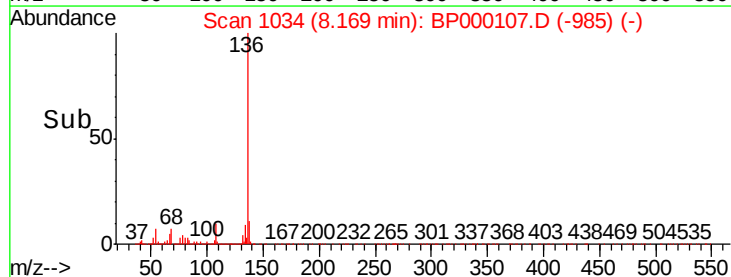
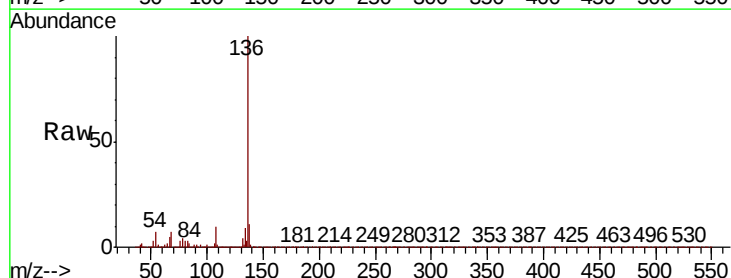
Ion Ratio Lower Upper

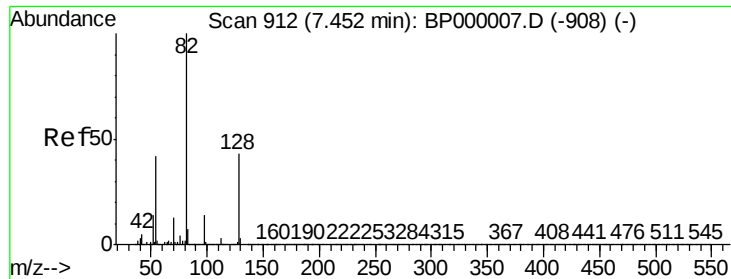
136 100

137 11.2 8.6 13.0

54 6.7 5.4 8.2

68 6.6 5.4 8.0



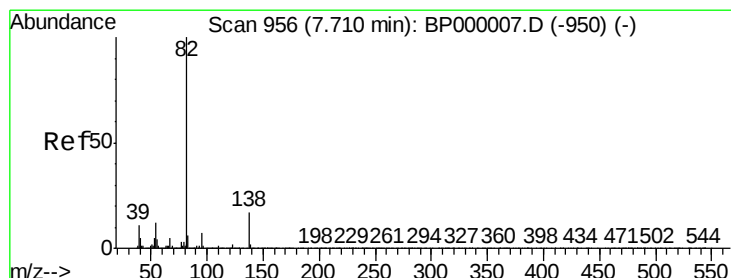
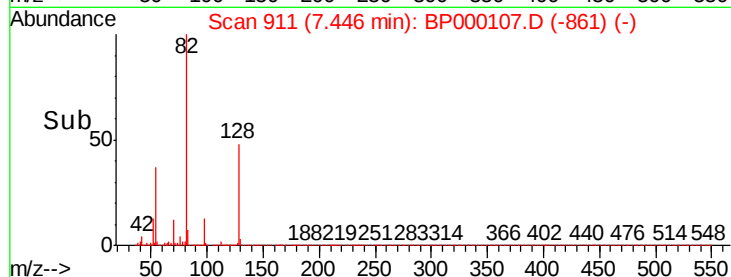
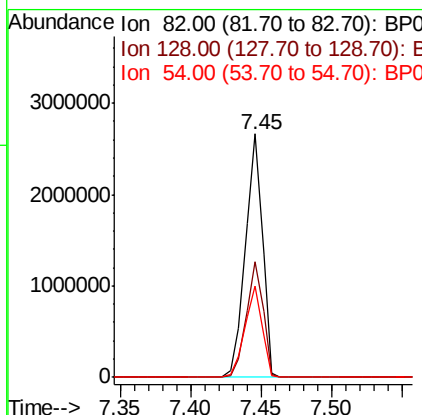
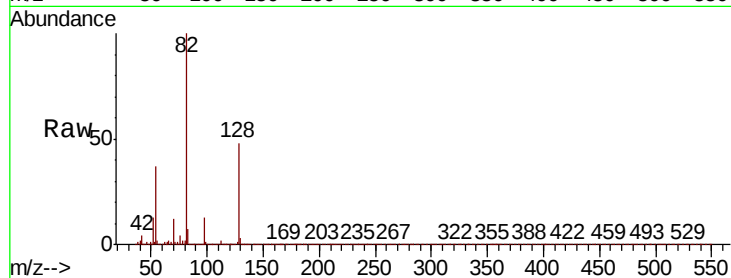


#23
 Nitrobenzene-d5
 Concen: 93.157 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BP000107.D
 Acq: 08 Sep 2019 22:40

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion: 82 Resp: 2247458

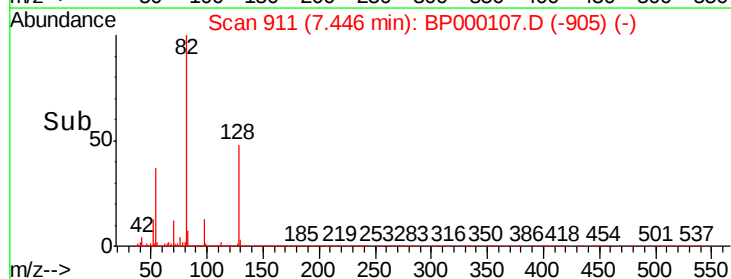
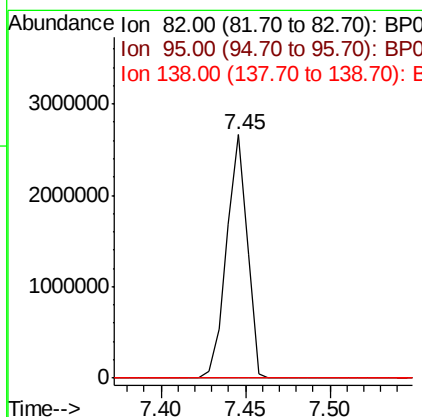
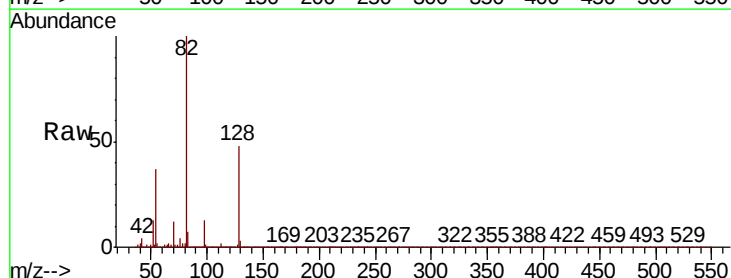
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.5	51.7
54	37.3	33.2	49.8

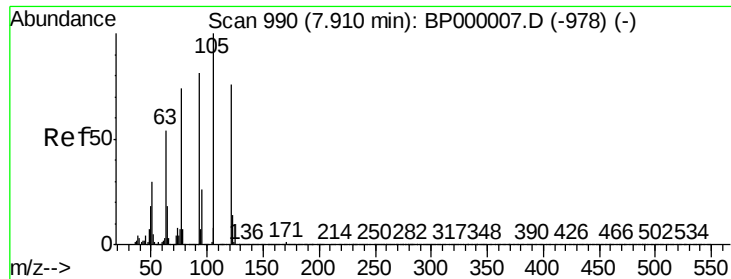


#25
 Isophorone
 Concen: 44.086 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.26 min
 Lab File: BP000107.D
 Acq: 08 Sep 2019 22:40

Tgt Ion: 82 Resp: 2247289

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	13.8	20.6#

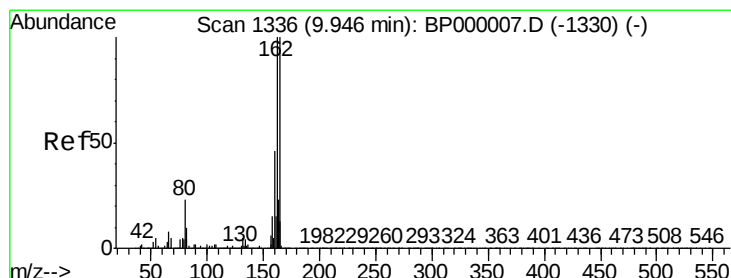
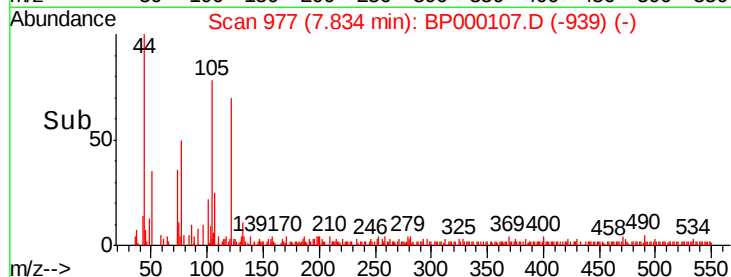
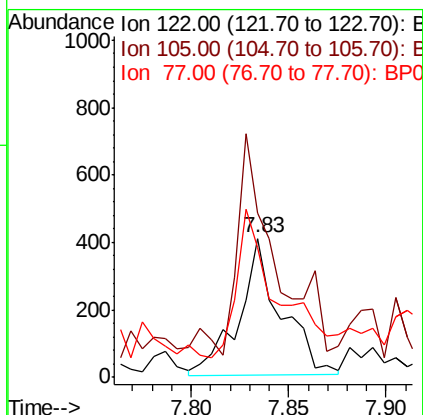
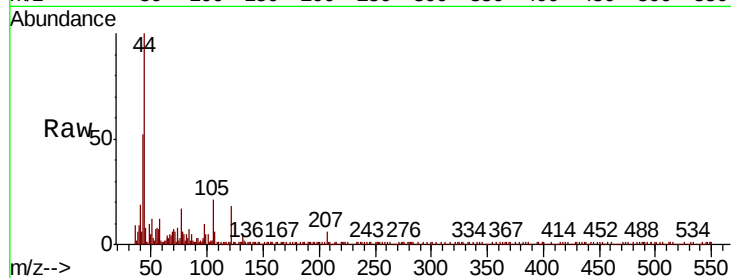




#32
Benzoic acid
Concen: 8.099 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.08 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

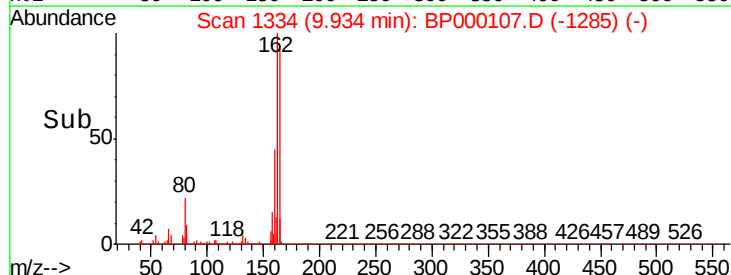
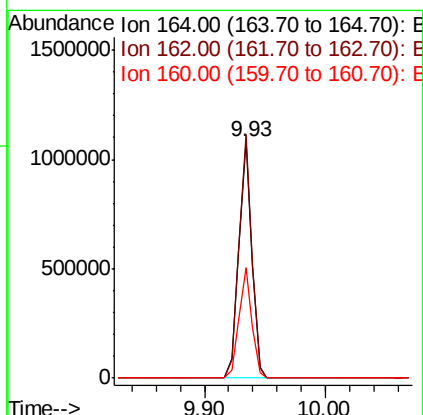
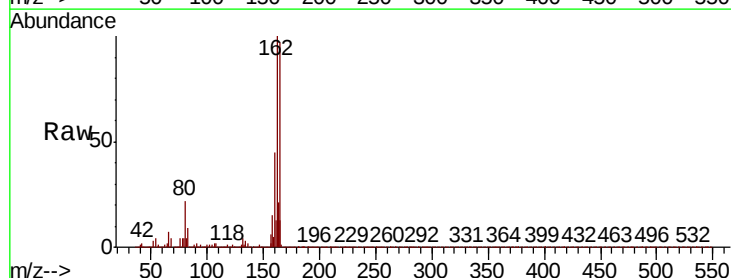
Instrument :
BNA_P
ClientSampleId :

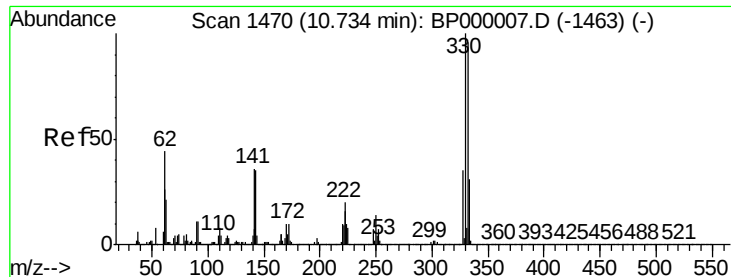
Tot Ion	Ratio	Lower	Upper
122	100		
105	118.4	104.6	144.6
77	93.7	74.1	114.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.4
160	46.7	36.6	55.0

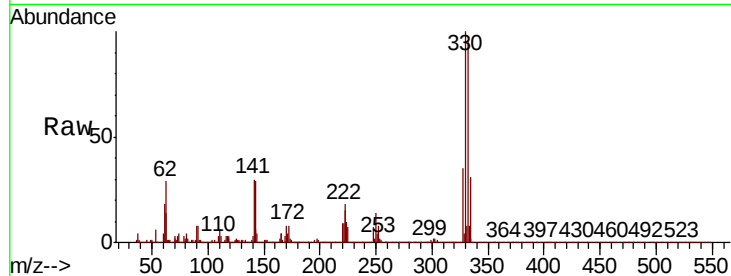




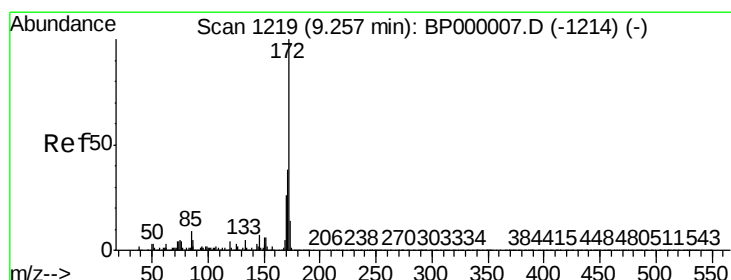
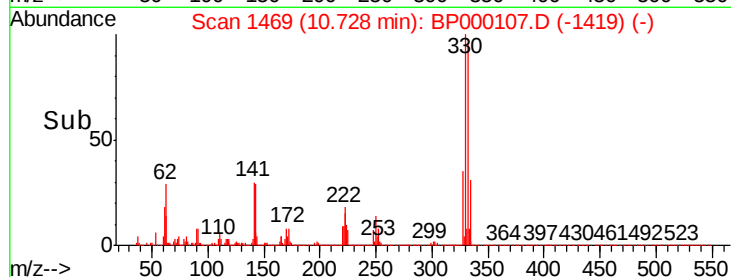
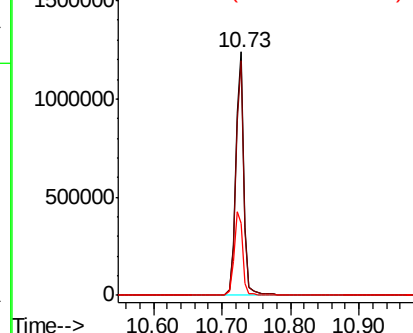
#42
2,4,6-Tribromophenol
Concen: 150.403 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 1035181
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 37.5 33.6 50.4

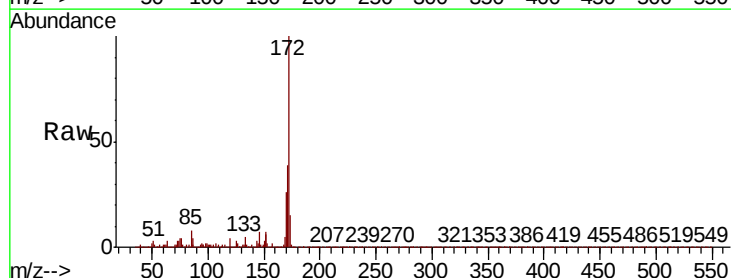


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

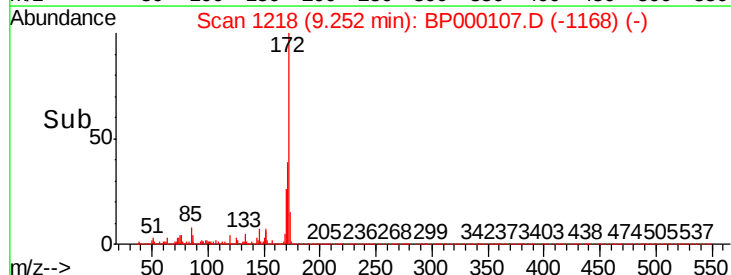
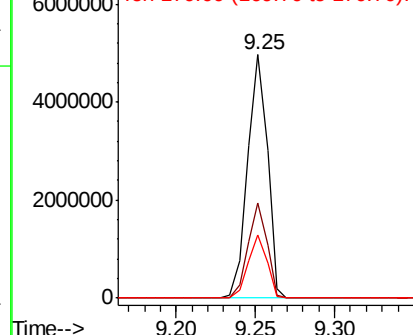


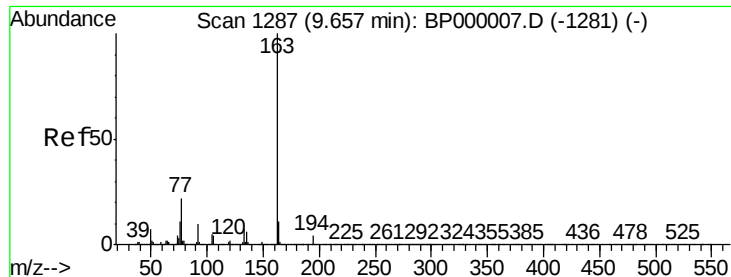
#45
2-Fluorobiphenyl
Concen: 87.906 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

Tgt Ion:172 Resp: 4298205
Ion Ratio Lower Upper
172 100
171 39.2 30.7 46.1
170 26.0 20.7 31.1



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

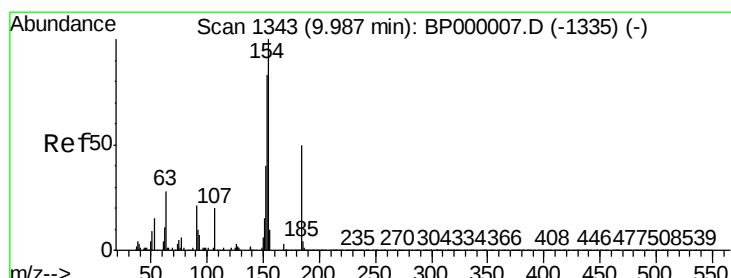
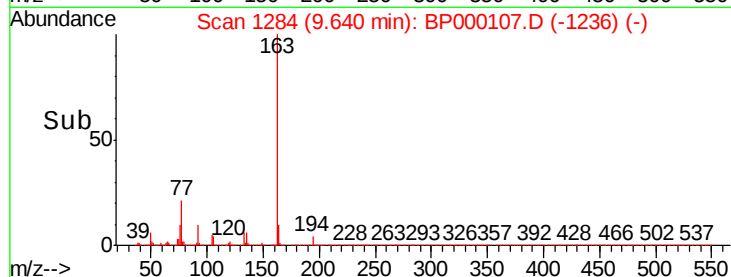
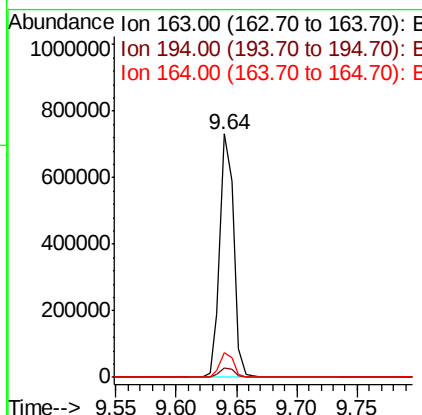
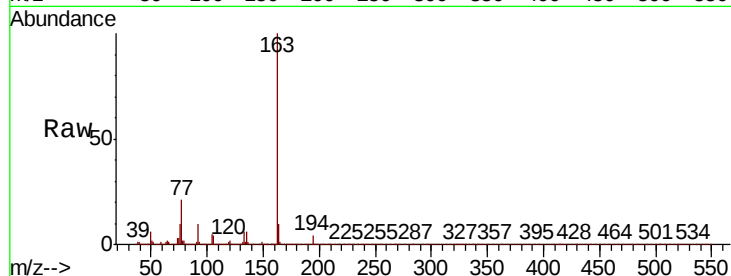




#50
Dimethylphthalate
Concen: 10.354 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

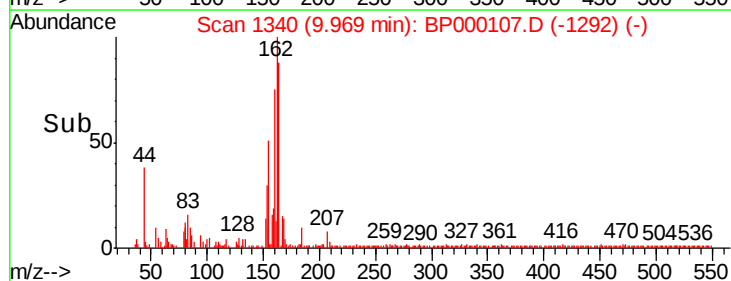
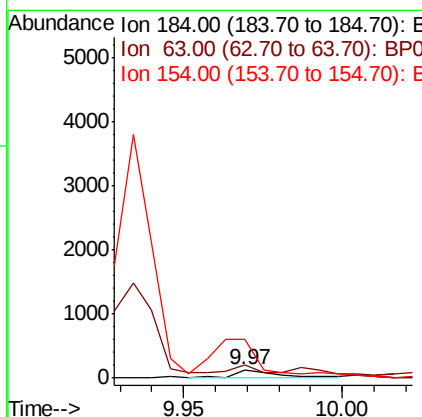
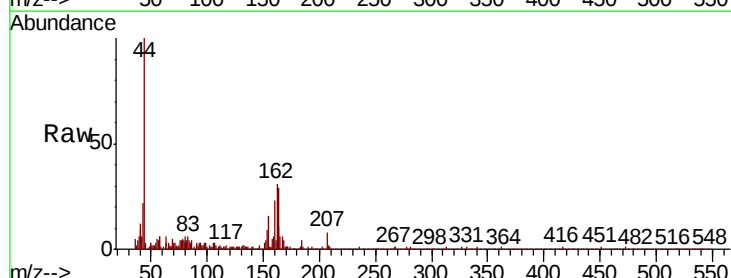
Instrument :
BNA_P
ClientSampled :

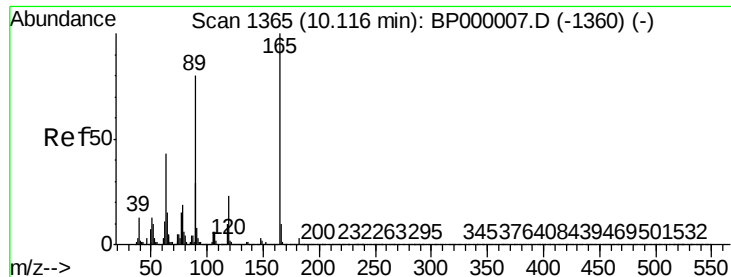
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.4	8.4	12.6



#54
2,4-Dinitrophenol
Concen: 8.675 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	153.7	46.0	69.0#
154	440.4	161.9	242.9#

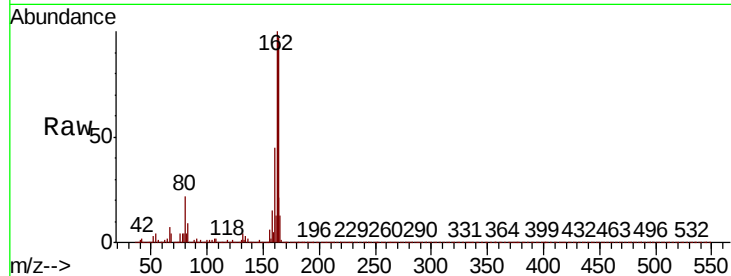




#57
2,4-Dinitrotoluene
Concen: 7.027 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.4	51.6#
89	1.2	64.3	96.5#
182	0.0	2.2	3.4#



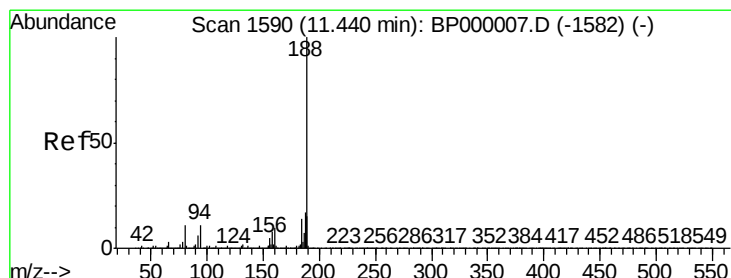
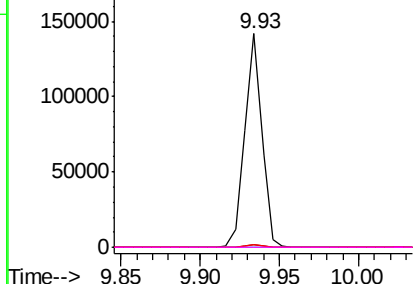
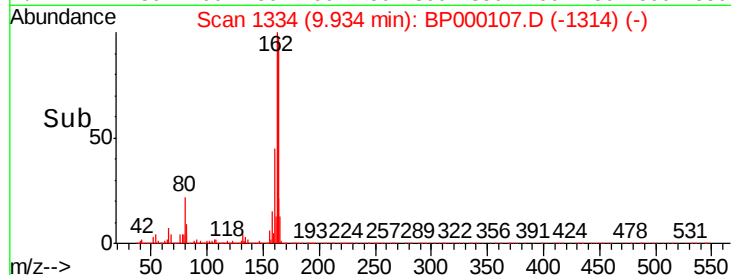
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

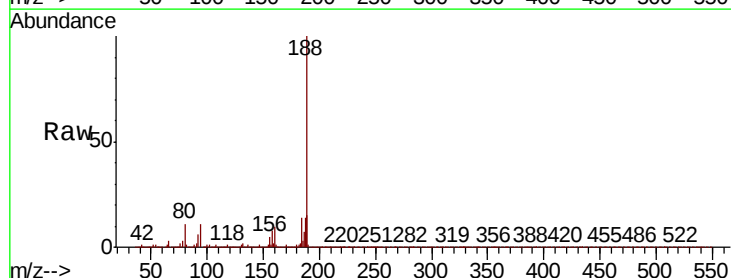
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.8	13.2
80	11.4	9.0	13.6

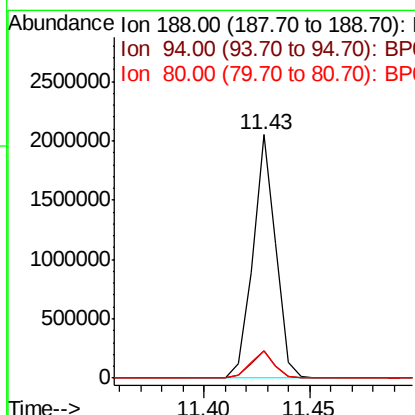
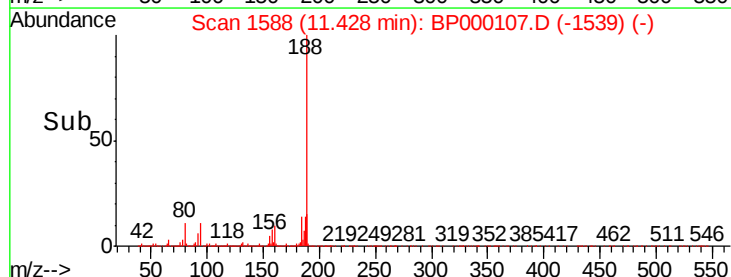


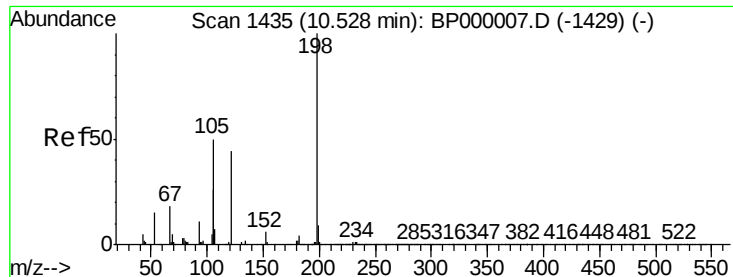
Abundance

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

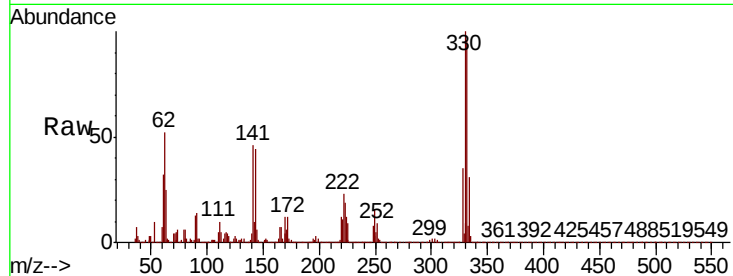




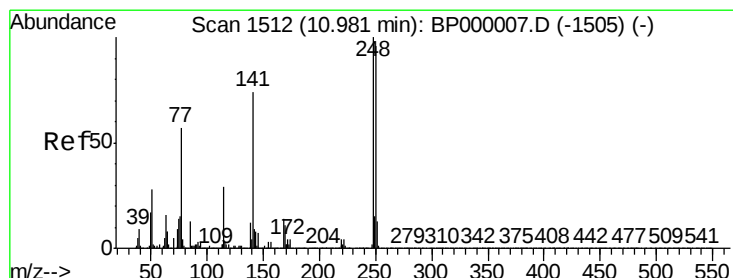
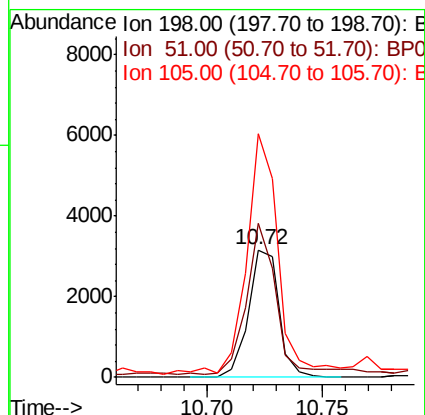
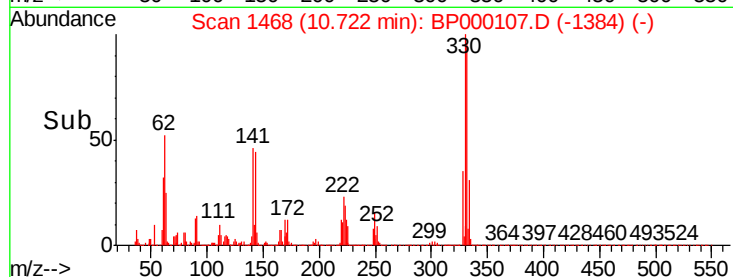
#65
4,6-Dinitro-2-methylphenol
Concen: 8.140 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.19 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion:198 Resp: 2933
Ion Ratio Lower Upper
198 100
51 121.0 22.1 62.1#
105 191.2 32.0 72.0#

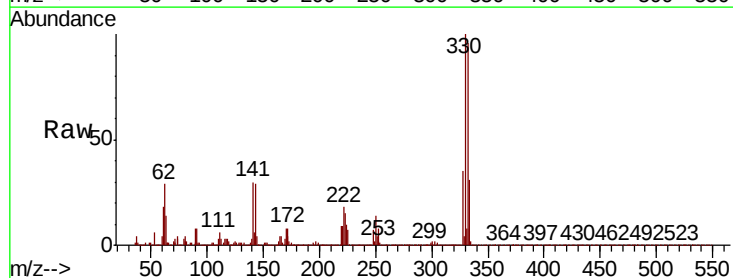


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

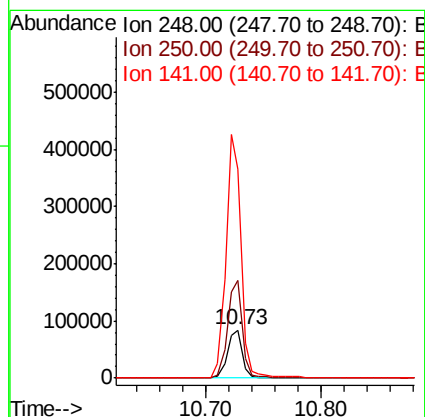
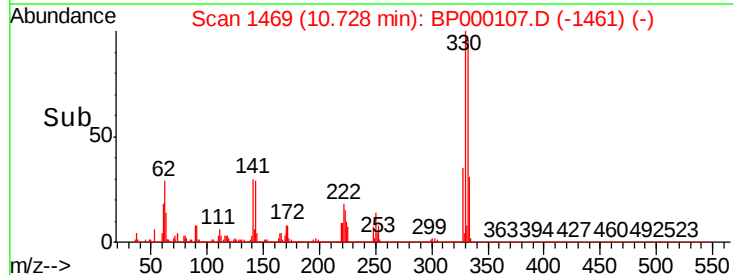


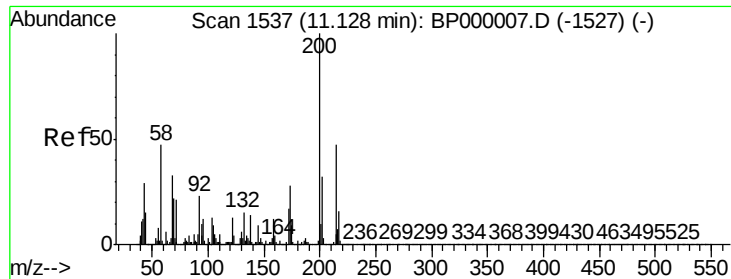
#67
4-Bromophenyl-phenylether
Concen: 4.754 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.25 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

Tgt Ion:248 Resp: 74381
Ion Ratio Lower Upper
248 100
250 205.4 77.1 115.7#
141 438.3 59.5 89.3#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

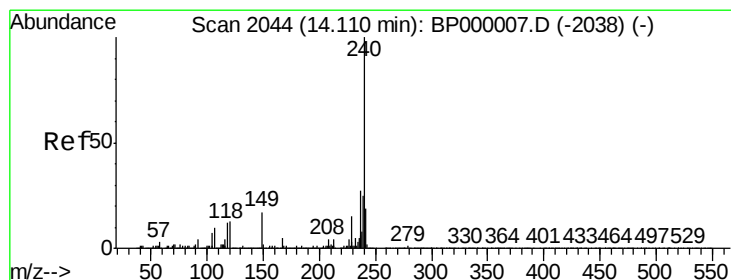
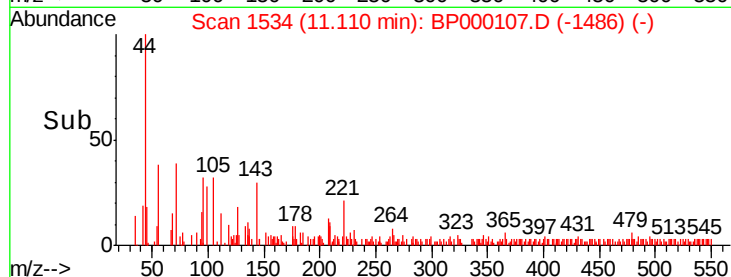
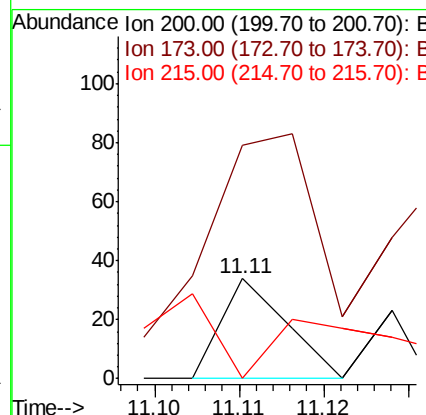
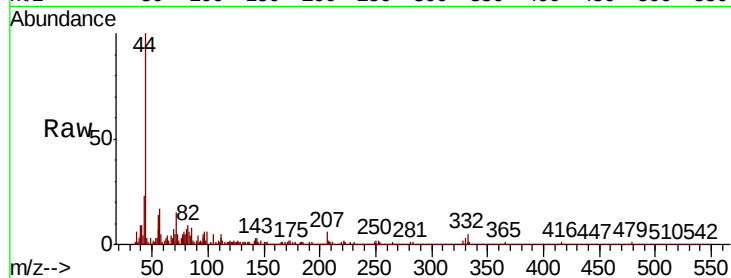




#69
Atrazine
Concen: Below Cal
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

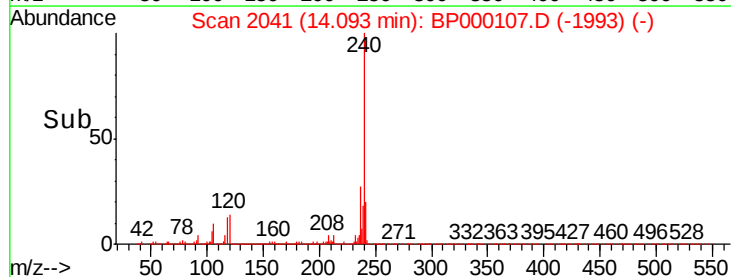
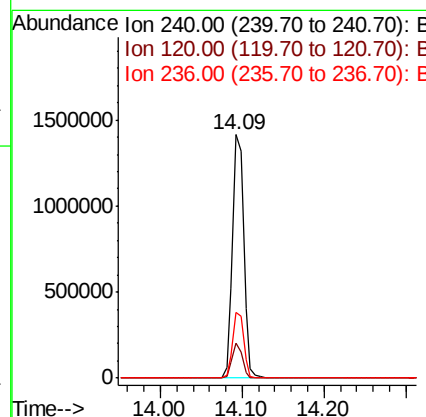
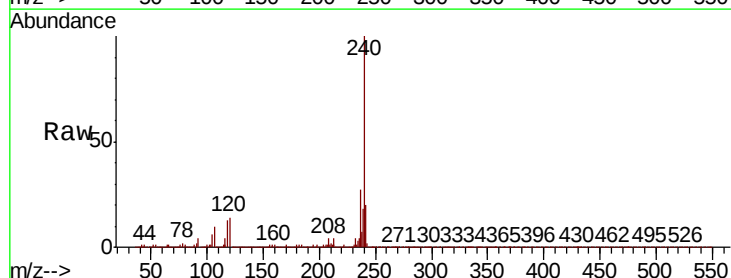
Instrument :
BNA_P
ClientSampleId :

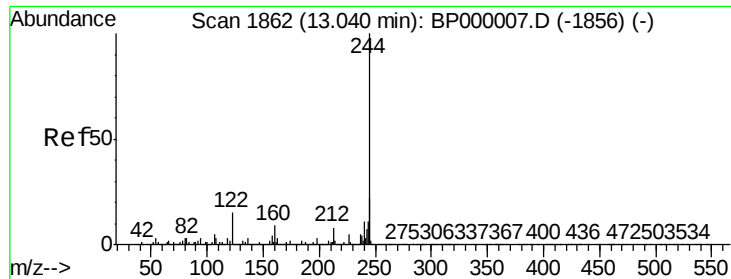
Tot Ion	Ratio	Lower	Upper
200	100		
173	232.4	8.1	48.1#
215	0.0	26.7	66.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BP000107.D
Acq: 08 Sep 2019 22:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	10.5	15.7
236	26.8	21.5	32.3

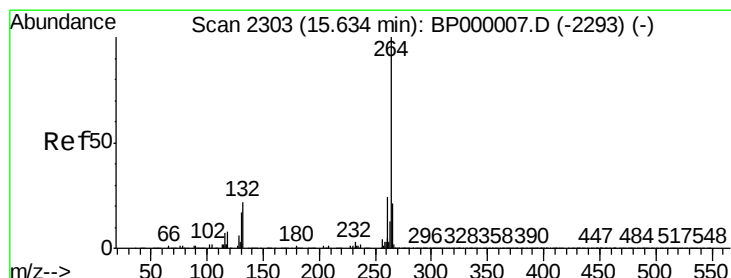
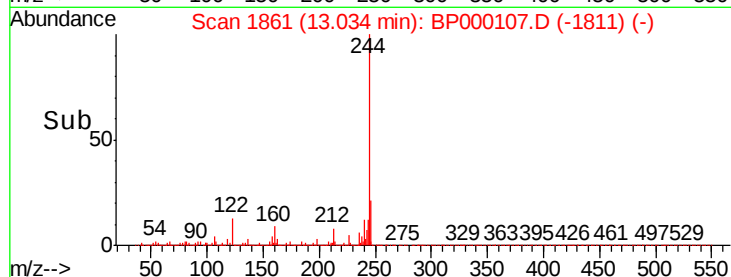
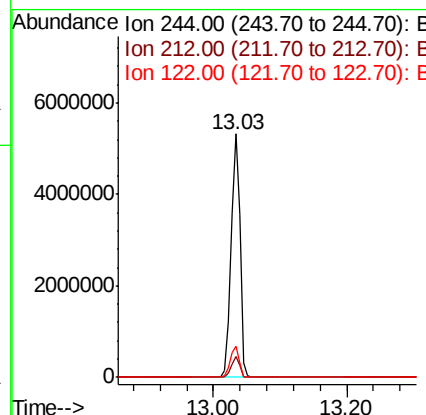
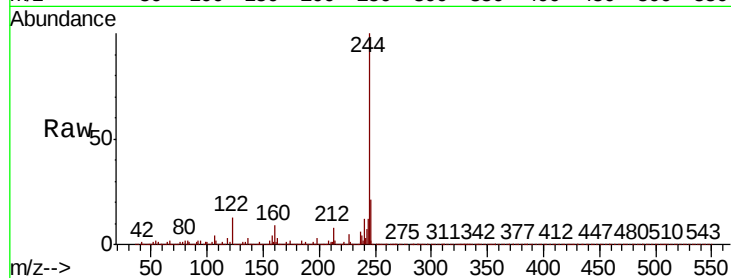




#79
 Terphenyl-d14
 Concen: 81.310 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BP000107.D
 Acq: 08 Sep 2019 22:40

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 5048776
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 10.0
 122 12.8 12.3 18.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BP000107.D
 Acq: 08 Sep 2019 22:40

Tgt Ion:264 Resp: 1429169
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 21.6 17.1 25.7

