

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001254.D
 Acq On : 07 Dec 2019 15:07
 Operator : JU
 Sample : K6135-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 00:42:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

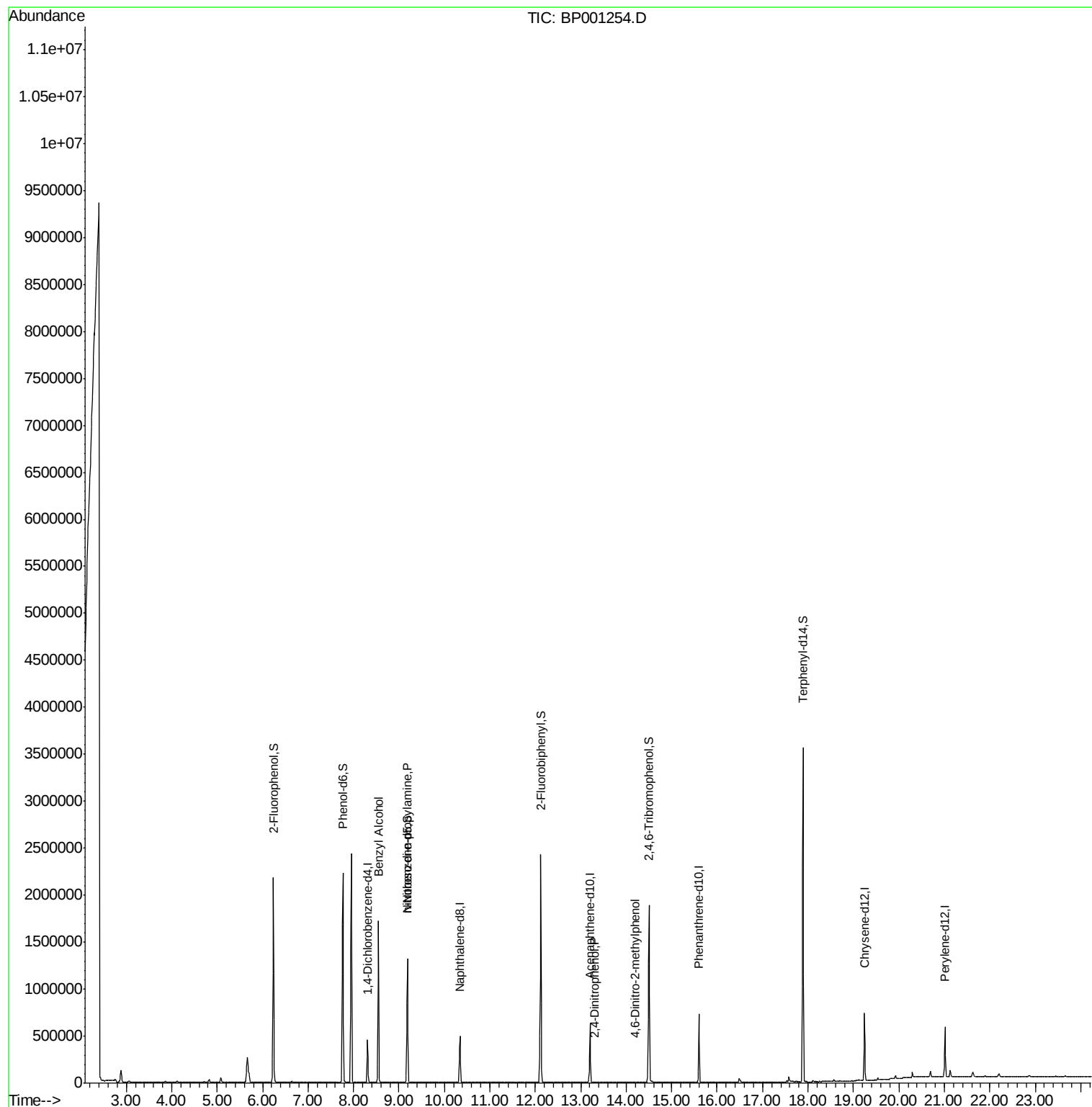
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	87649	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	318145	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	178873	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	348122	20.00	ng	0.00
76) Chrysene-d12	19.25	240	272623	20.00	ng	-0.01
87) Perylene-d12	21.02	264	274907	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	740058	140.08	ng	0.03
7) Phenol-d6	7.77	99	999263	141.98	ng	0.00
23) Nitrobenzene-d5	9.19	82	702336	95.78	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	280420	163.56	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1138639	93.17	ng	-0.01
79) Terphenyl-d14	17.89	244	1478614	100.34	ng	0.00
Target Compounds						
9) Benzaldehyde	7.62	77	136	Below Cal	Qvalue	# 37
15) Benzyl Alcohol	8.55	79	12964	2.244 ng	#	60
19) n-Nitroso-di-n-propylamine	9.19	70	103173	20.315 ng	#	79
54) 2,4-Dinitrophenol	13.29	184	7	7.115 ng	#	46
65) 4,6-Dinitro-2-methylphenol	14.21	198	26	6.292 ng	#	19

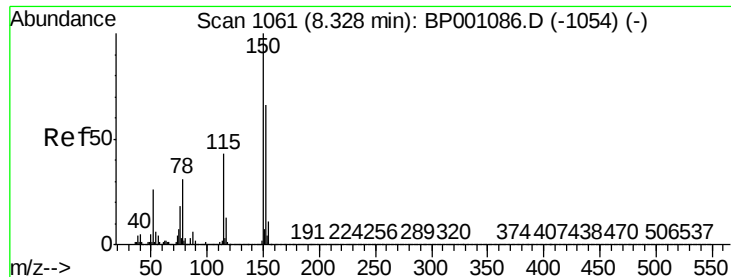
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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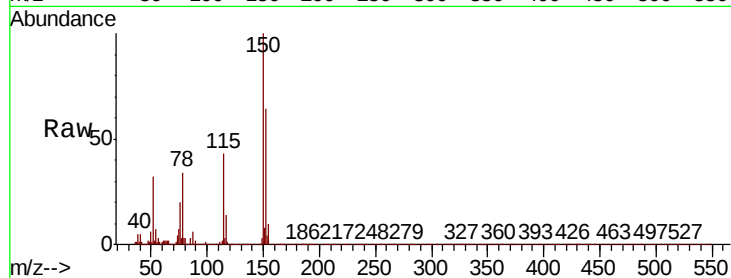




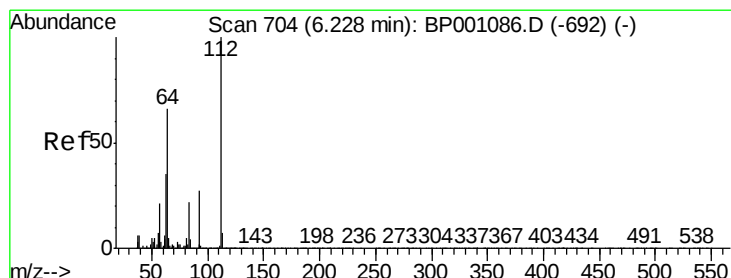
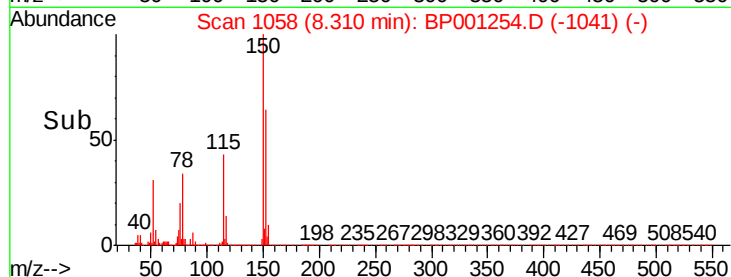
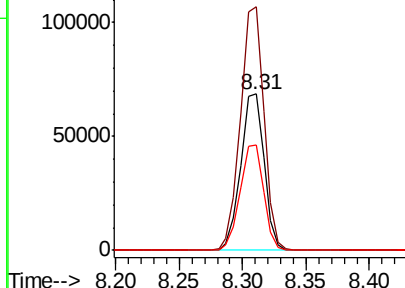
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BP001254.D
 Acq: 07 Dec 2019 15:07

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	127.3	190.9
115	67.4	56.0	84.0

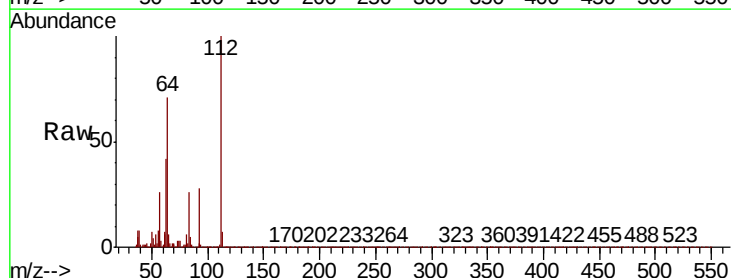


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

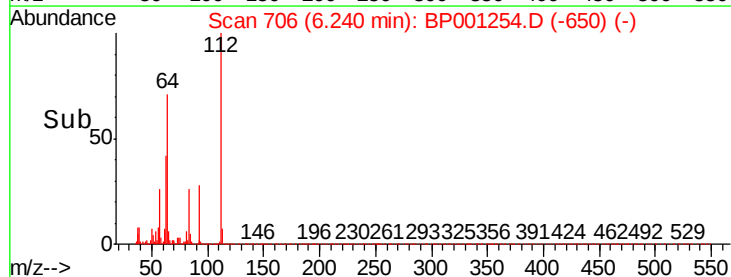
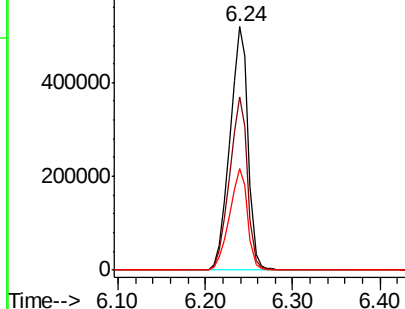


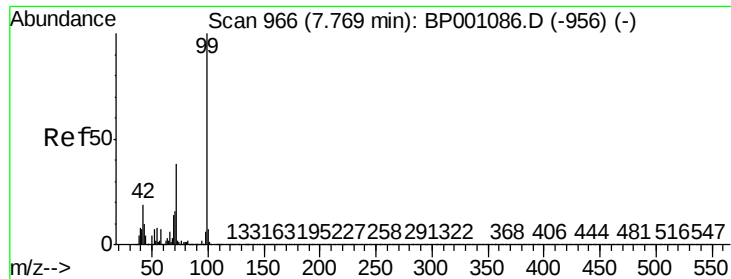
#5
 2-Fluorophenol
 Concen: 140.083 ng
 RT: 6.24 min Scan# 706
 Delta R.T. 0.03 min
 Lab File: BP001254.D
 Acq: 07 Dec 2019 15:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.2	56.8	85.2
63	41.7	32.2	48.2



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BP0
 Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 141.976 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

Instrument :

BNA_P

ClientSampled :

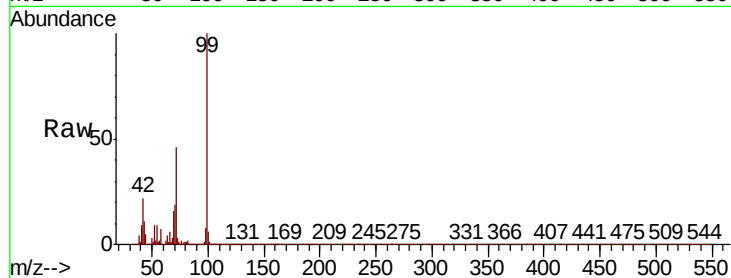
Tot Ion: 99 Resp: 999263

Ion Ratio Lower Upper

99 100

42 22.2 17.6 26.4

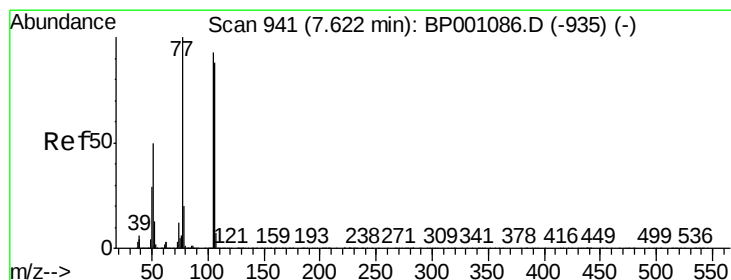
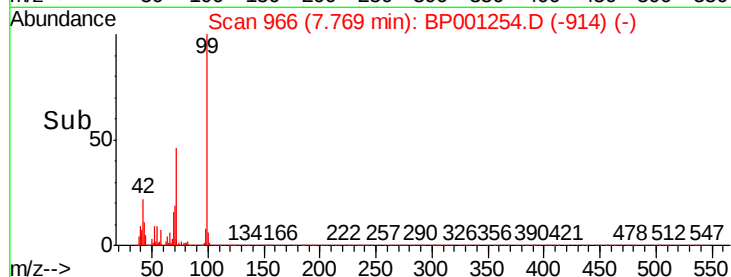
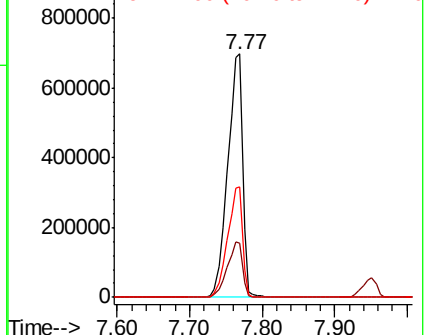
71 45.5 33.8 50.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

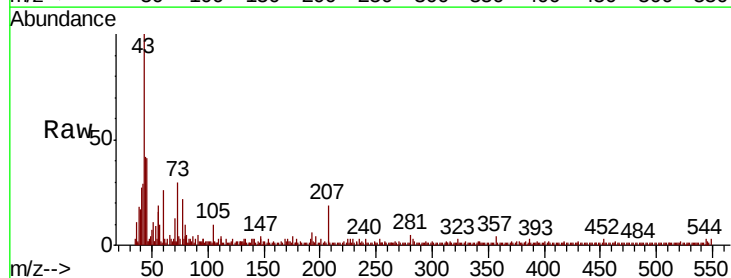
Tgt Ion: 77 Resp: 136

Ion Ratio Lower Upper

77 100

105 44.1 69.7 109.7#

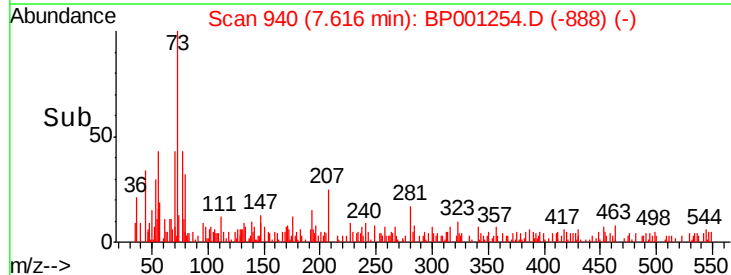
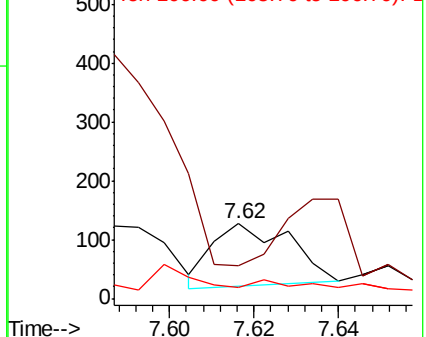
106 14.2 67.1 107.1#

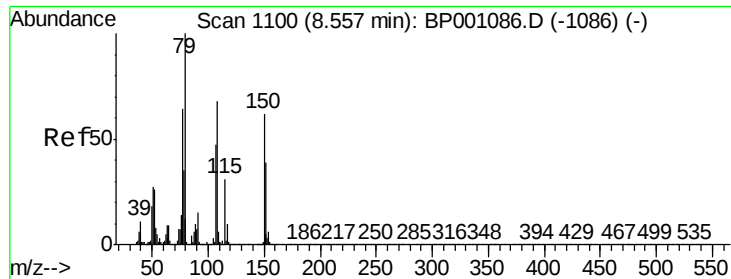


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.244 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

Instrument :

BNA_P

ClientSampleId :

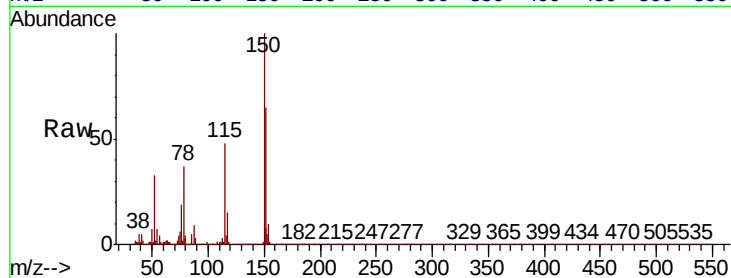
Tot Ion: 79 Resp: 12964

Ion Ratio Lower Upper

79 100

108 31.3 51.6 77.4#

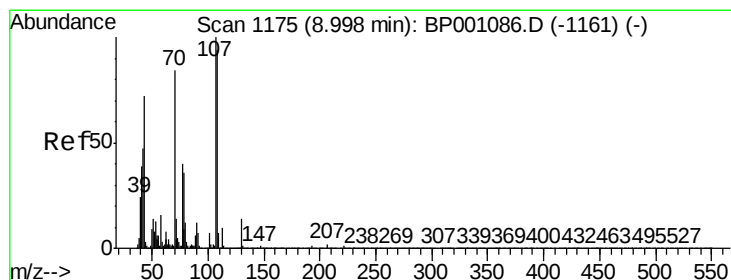
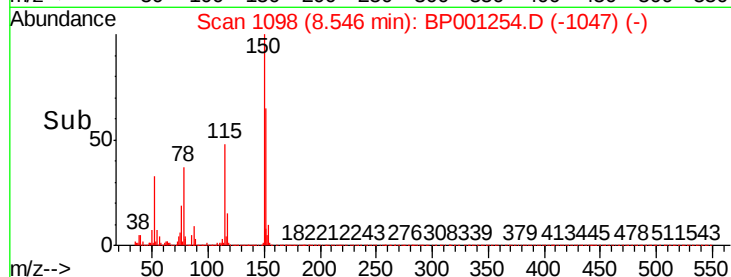
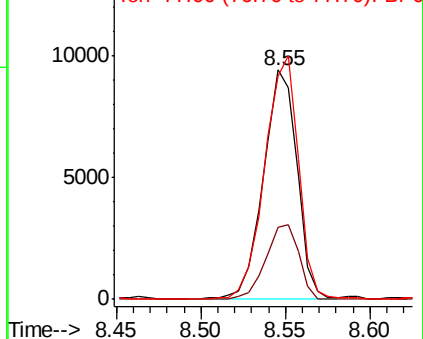
77 97.4 53.5 80.3#



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 20.315 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.21 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

Tgt Ion: 70 Resp: 103173

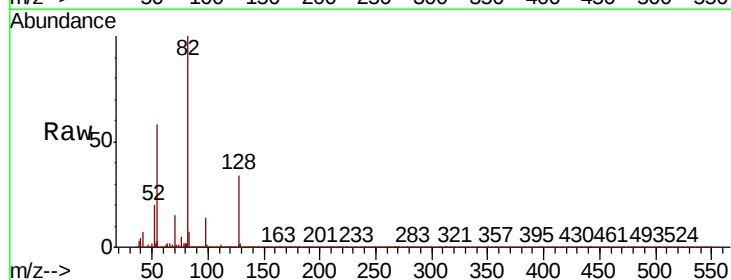
Ion Ratio Lower Upper

70 100

42 50.2 50.6 76.0#

101 0.0 7.1 10.7#

130 1.4 13.6 20.4#

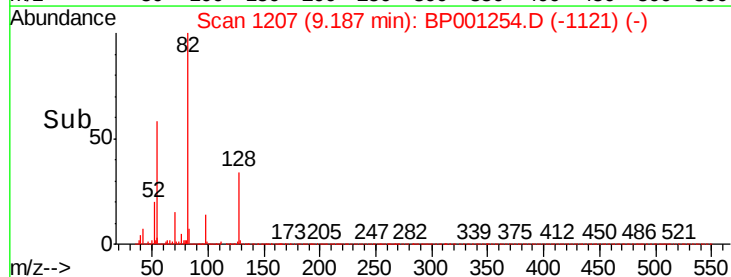
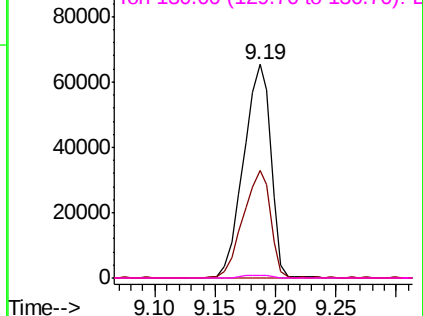


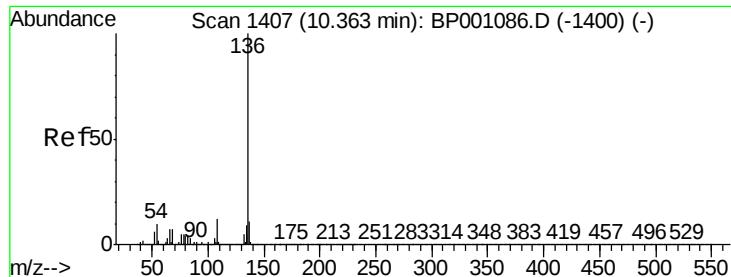
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 318145

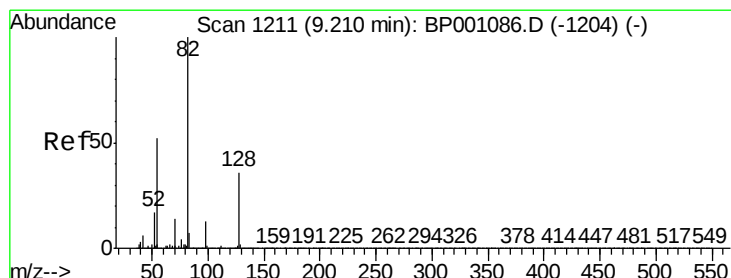
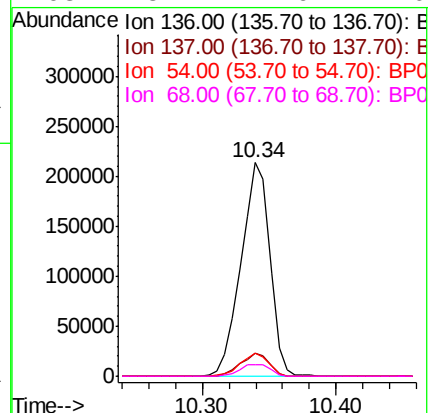
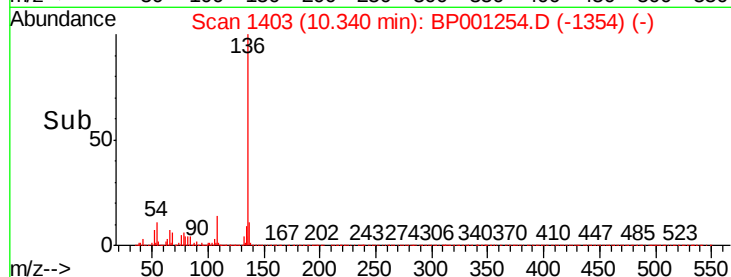
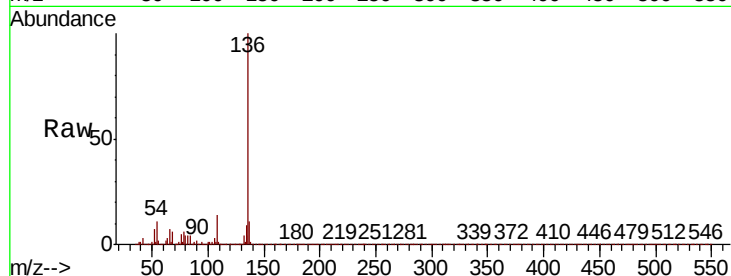
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.7	7.4	11.0
68	5.7	4.6	7.0

Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23

Nitrobenzene-d5

Concen: 95.778 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

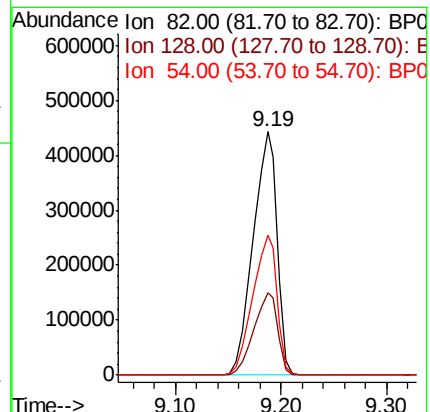
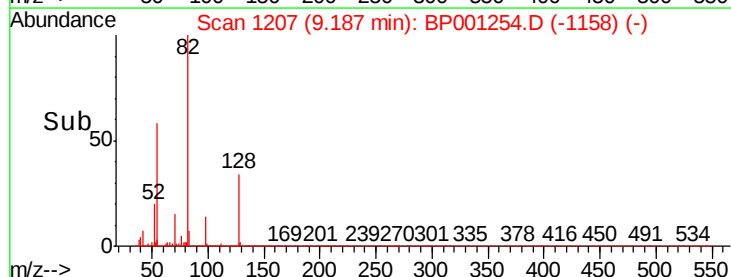
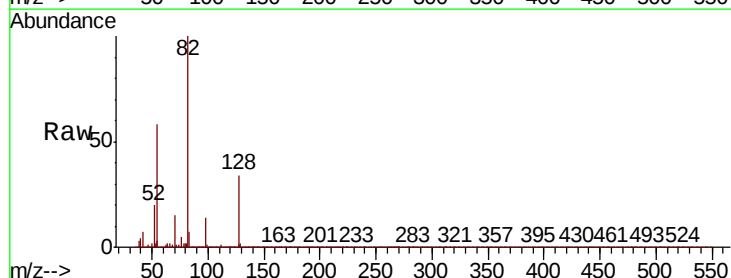
Tgt Ion: 82 Resp: 702336

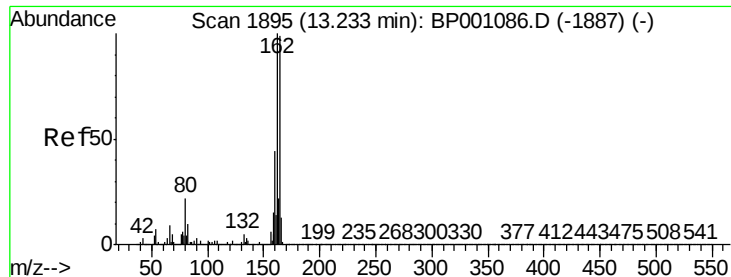
Ion	Ratio	Lower	Upper
82	100		
128	34.0	27.5	41.3
54	57.7	45.7	68.5

Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

Instrument :

BNA_P

ClientSampleId :

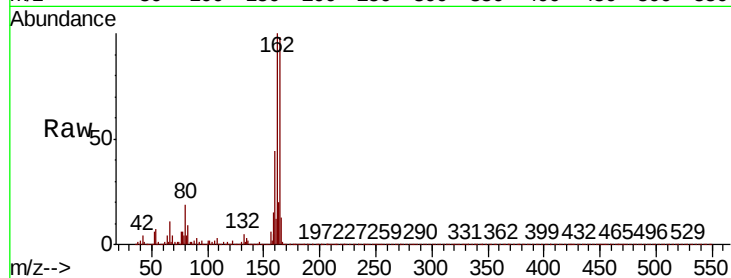
Tot Ion:164 Resp: 178873

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

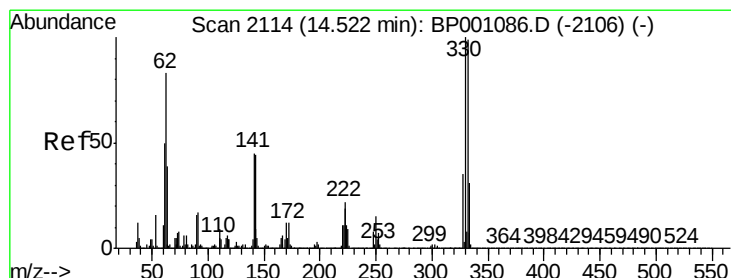
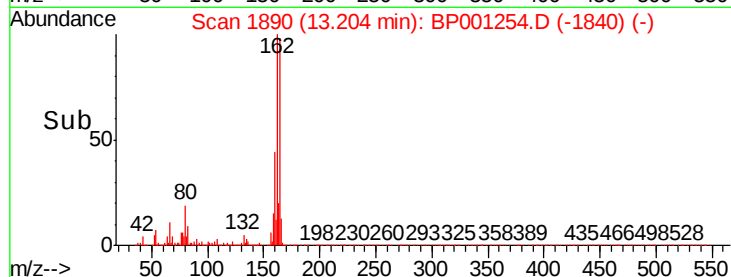
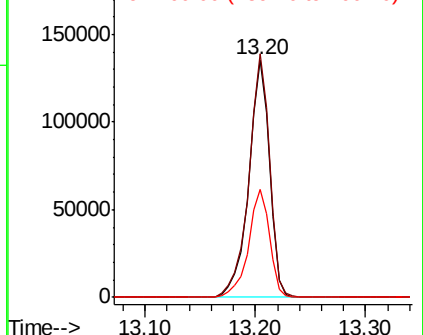
160 45.4 36.3 54.5



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: 163.558 ng

RT: 14.50 min Scan# 2111

Delta R.T. 0.00 min

Lab File: BP001254.D

Acq: 07 Dec 2019 15:07

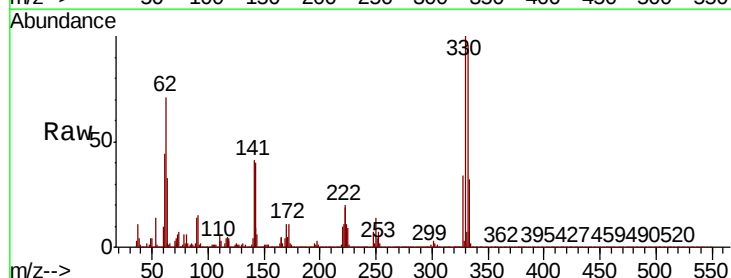
Tgt Ion:330 Resp: 280420

Ion Ratio Lower Upper

330 100

332 96.9 79.1 118.7

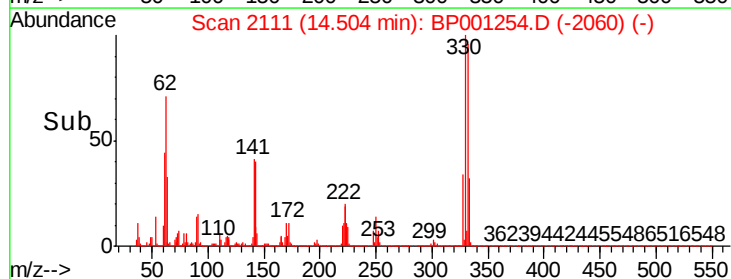
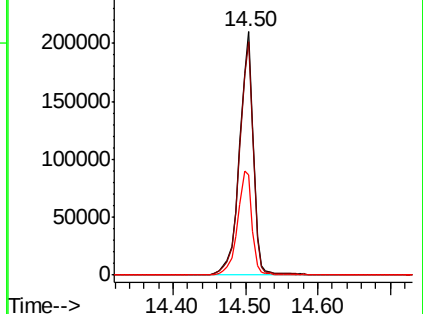
141 44.6 35.9 53.9

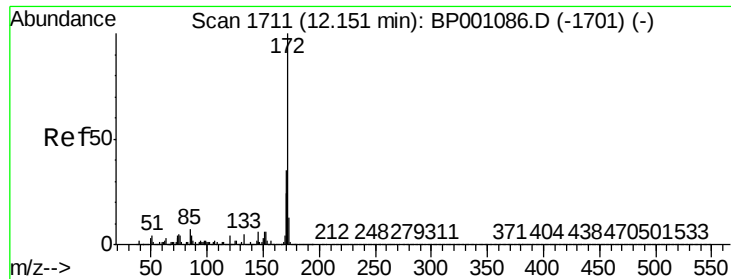


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

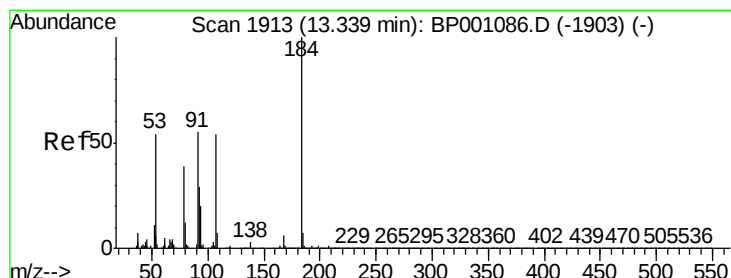
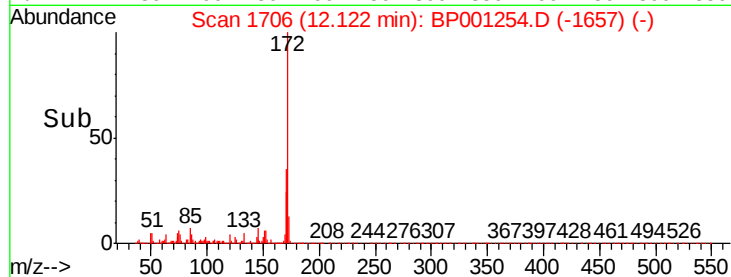
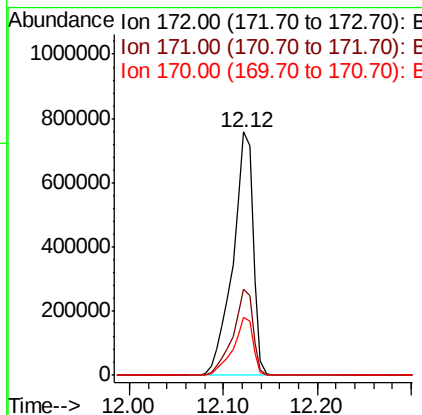
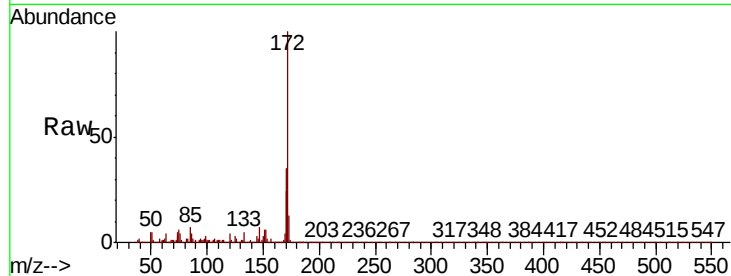




#45
2-Fluorobiphenyl
Concen: 93.166 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001254.D
Acq: 07 Dec 2019 15:07

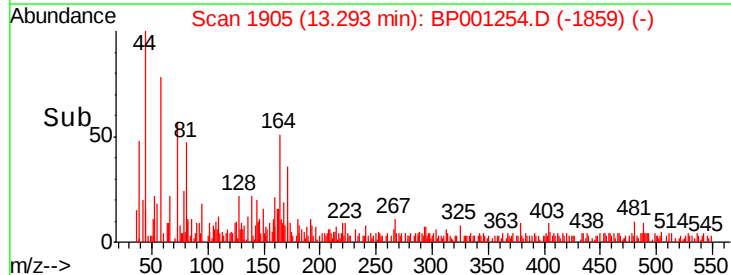
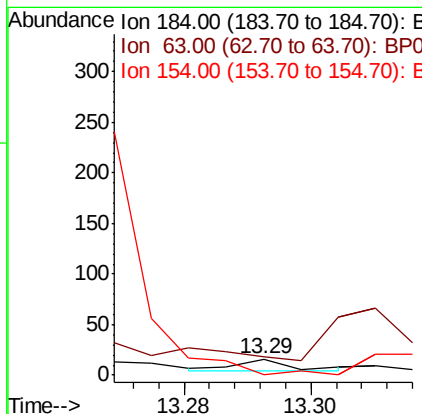
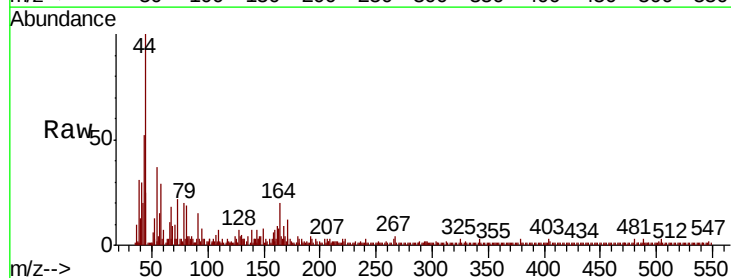
Instrument :
BNA_P
ClientSampled :

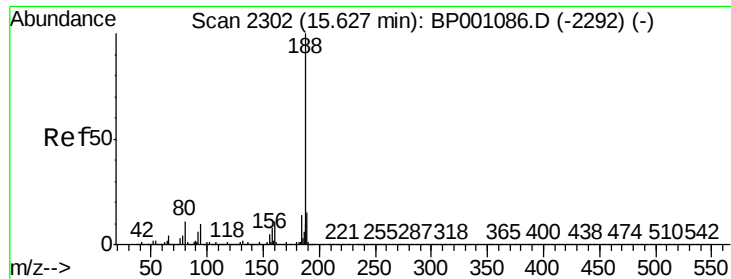
Tot Ion:172 Resp: 1138639
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.7 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.115 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.03 min
Lab File: BP001254.D
Acq: 07 Dec 2019 15:07

Tgt Ion:184 Resp: 7
Ion Ratio Lower Upper
184 100
63 112.5 69.4 104.0#
154 0.0 57.4 86.2#

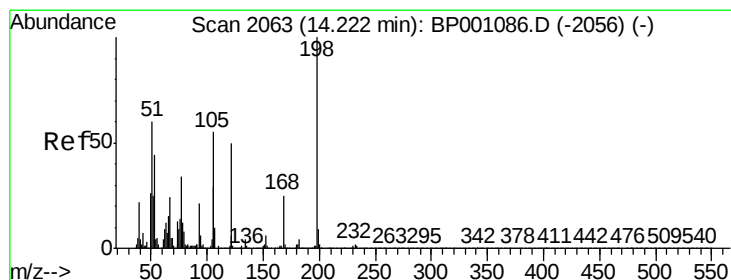
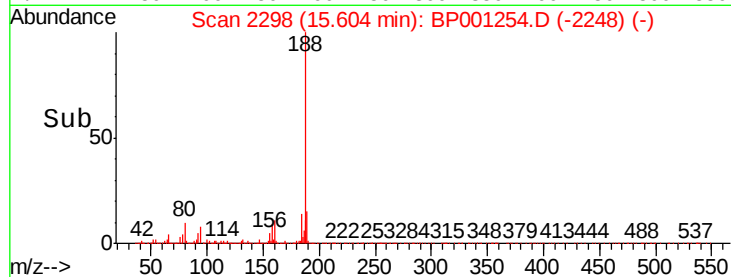
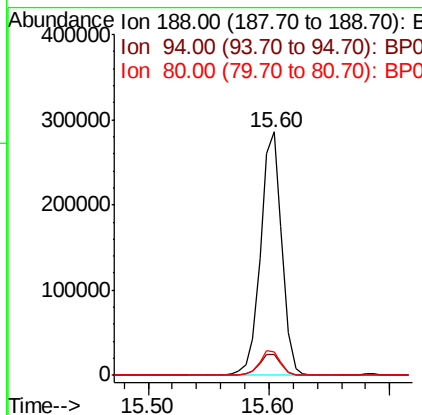
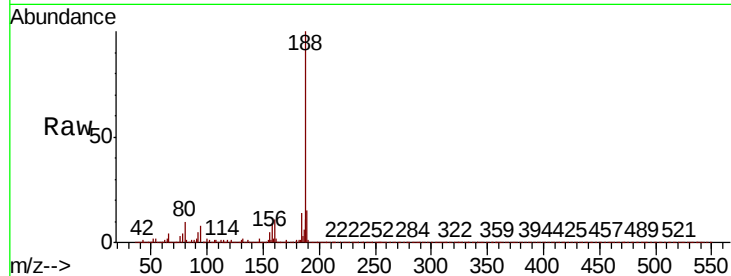




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001254.D
Acq: 07 Dec 2019 15:07

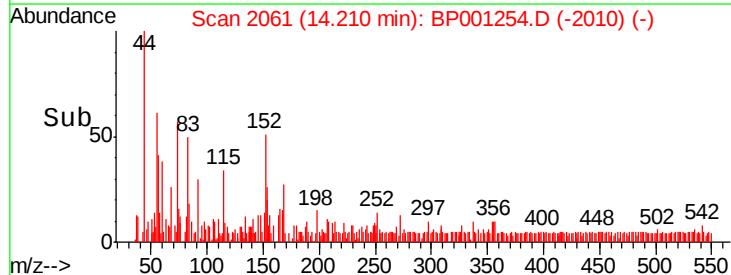
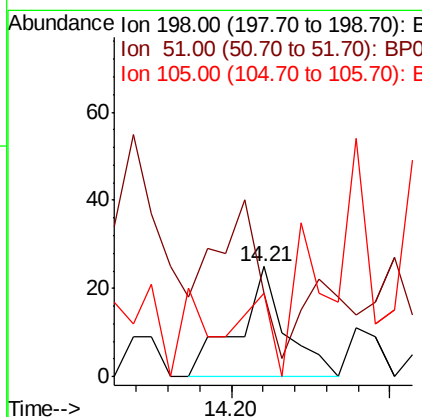
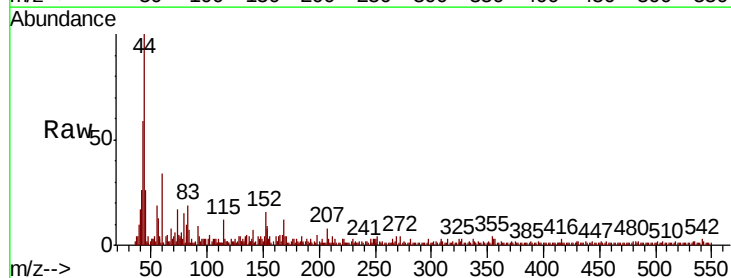
Instrument :
BNA_P
ClientSampleId :

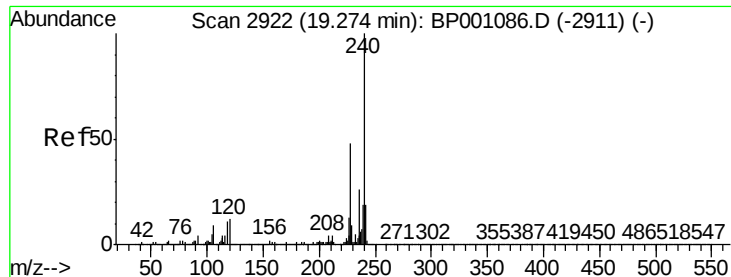
Tot Ion:188 Resp: 348122
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.7 7.8 11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.292 ng
RT: 14.21 min Scan# 2061
Delta R.T. 0.00 min
Lab File: BP001254.D
Acq: 07 Dec 2019 15:07

Tgt Ion:198 Resp: 26
Ion Ratio Lower Upper
198 100
51 144.0 36.2 76.2#
105 76.0 30.2 70.2#

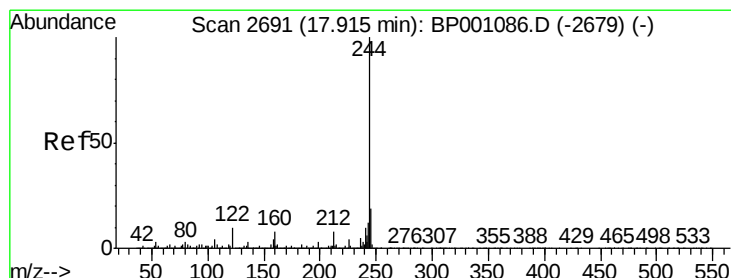
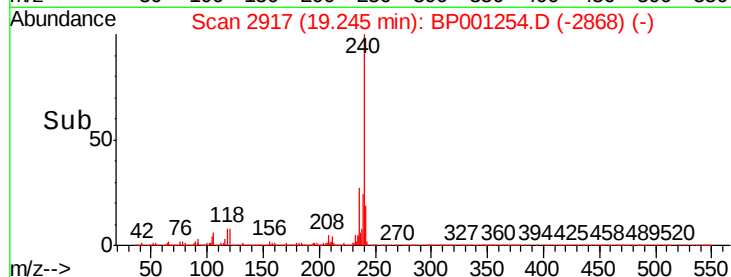
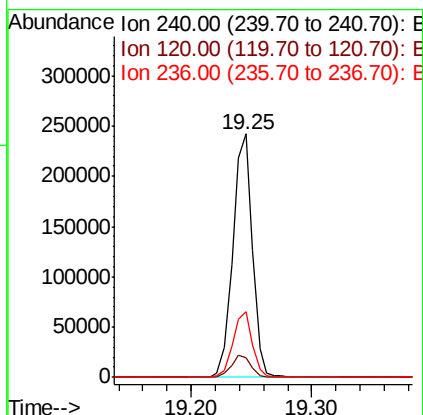
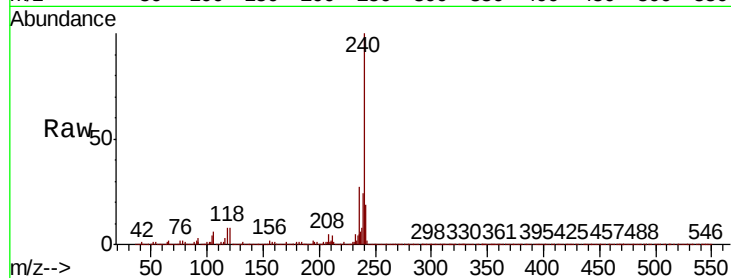




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001254.D
Acq: 07 Dec 2019 15:07

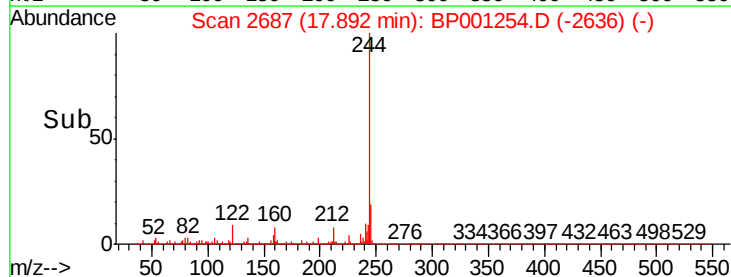
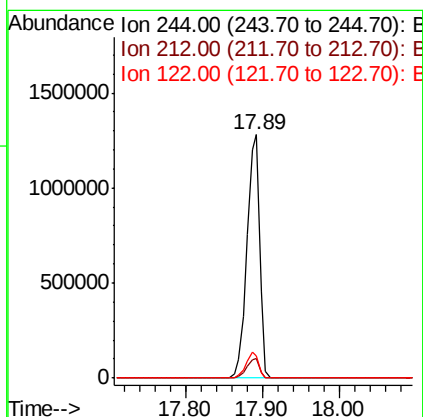
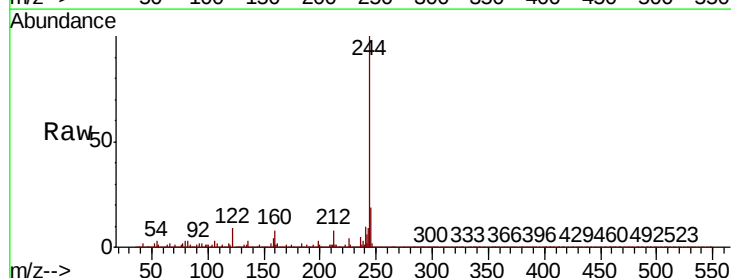
Instrument :
BNA_P
ClientSampleId :

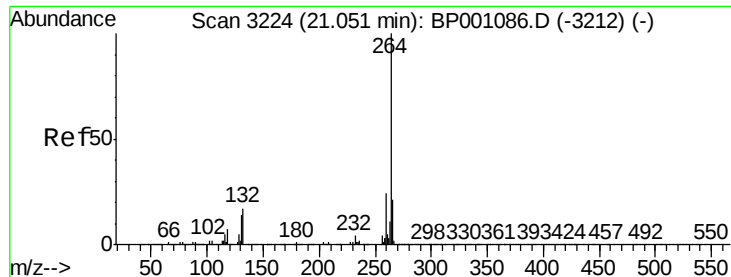
Tot Ion:240 Resp: 272623
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 26.8 21.7 32.5



#79
Terphenyl-d14
Concen: 100.343 ng
RT: 17.89 min Scan# 2687
Delta R.T. 0.00 min
Lab File: BP001254.D
Acq: 07 Dec 2019 15:07

Tgt Ion:244 Resp: 1478614
Ion Ratio Lower Upper
244 100
212 8.0 6.6 9.8
122 9.4 9.2 13.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001254.D
Acq: 07 Dec 2019 15:07

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 264 Resp: 274907

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.2	17.1	25.7

