

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001253.D
 Acq On : 07 Dec 2019 14:37
 Operator : JU
 Sample : K6135-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 00:41:51 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

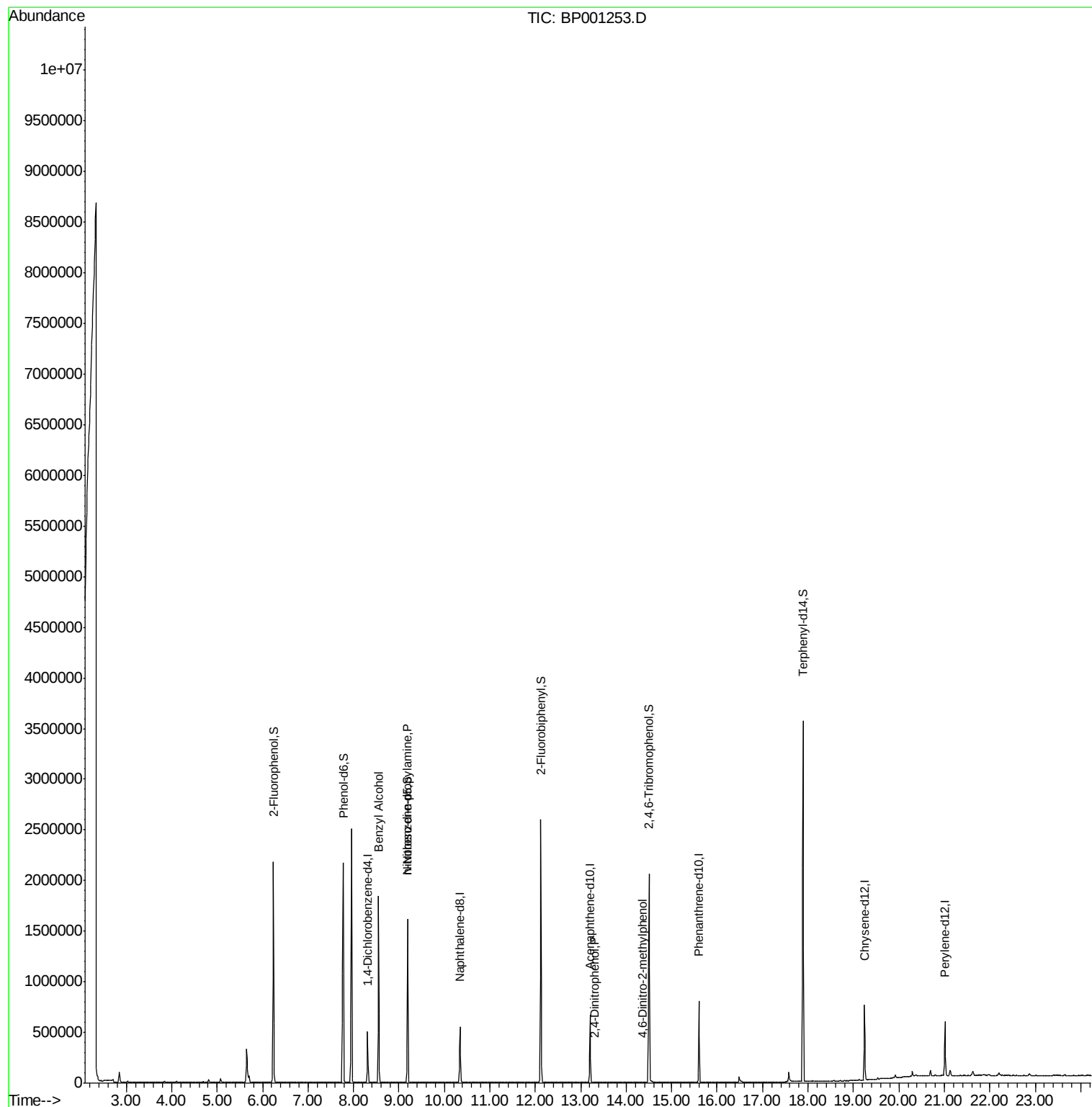
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	82011	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	303273	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	175946	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	348681	20.00	ng	0.00
76) Chrysene-d12	19.25	240	271479	20.00	ng	-0.01
87) Perylene-d12	21.02	264	270181	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	692729	140.14	ng	0.03
7) Phenol-d6	7.78	99	939069	142.60	ng	0.01
23) Nitrobenzene-d5	9.19	82	656807	93.96	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	276520	163.97	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1078691	89.73	ng	-0.01
79) Terphenyl-d14	17.89	244	1453707	99.07	ng	0.00
Target Compounds						
9) Benzaldehyde	7.62	77	239	Below Cal	Qvalue	# 75
15) Benzyl Alcohol	8.55	79	12275	2.271 ng	#	60
19) n-Nitroso-di-n-propylamine	9.19	70	95375	20.071 ng	#	79
54) 2,4-Dinitrophenol	13.30	184	4	7.112 ng	#	85
65) 4,6-Dinitro-2-methylphenol	14.35	198	25	6.291 ng	#	81

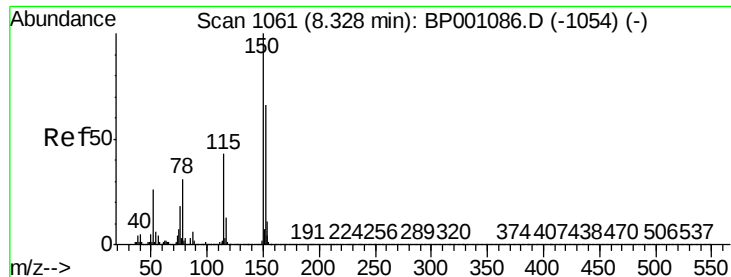
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

Instrument :

BNA_P

ClientSampleId :

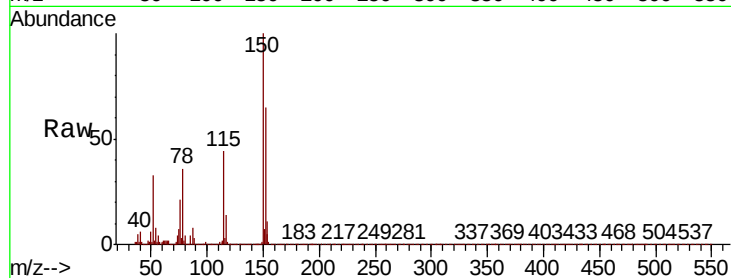
Tot Ion:152 Resp: 82011

Ion Ratio Lower Upper

152 100

150 153.5 127.3 190.9

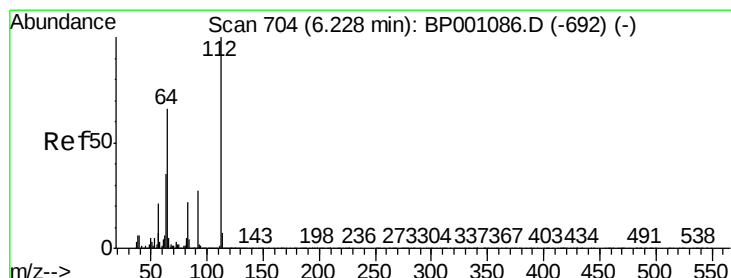
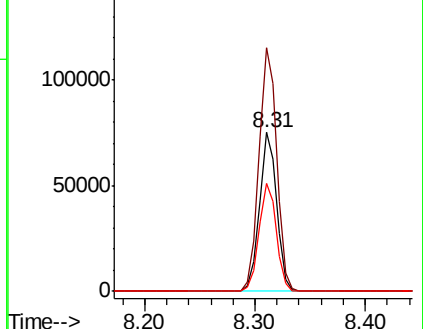
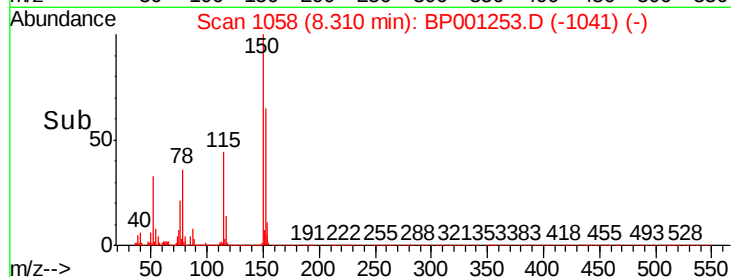
115 67.8 56.0 84.0



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: 140.139 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.03 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

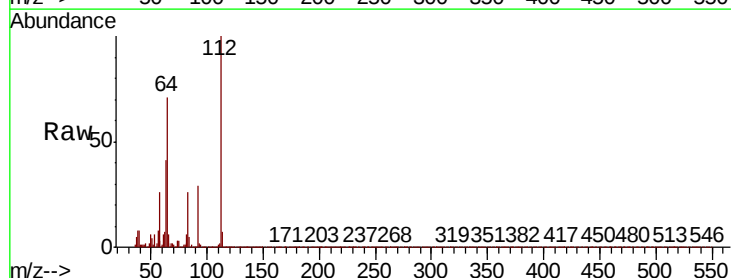
Tgt Ion:112 Resp: 692729

Ion Ratio Lower Upper

112 100

64 70.7 56.8 85.2

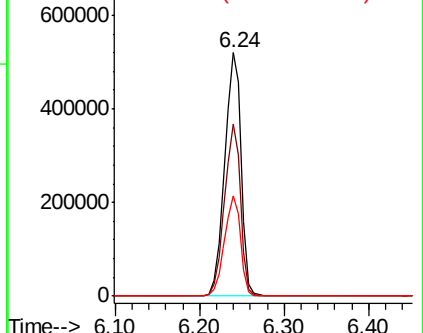
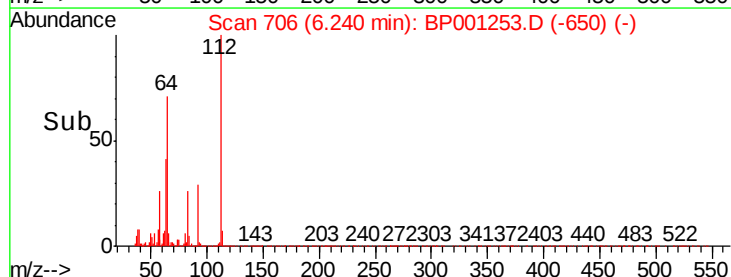
63 41.2 32.2 48.2

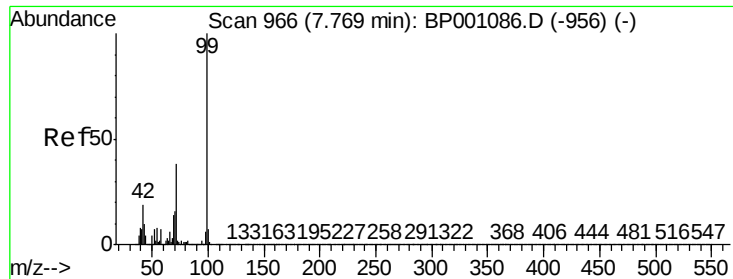


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 142.596 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

Instrument :

BNA_P

ClientSampleId :

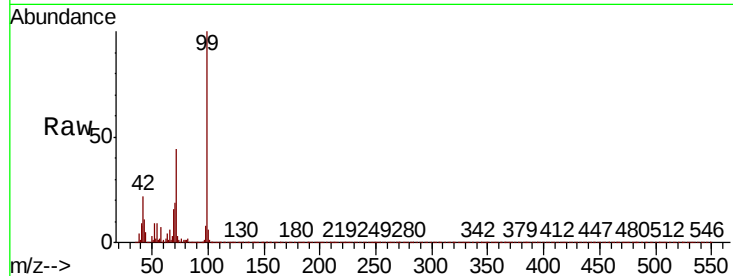
Tot Ion: 99 Resp: 939069

Ion Ratio Lower Upper

99 100

42 22.0 17.6 26.4

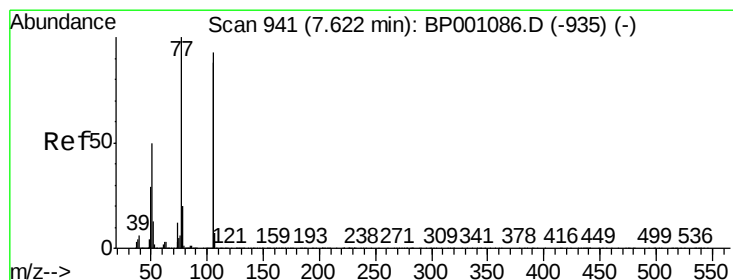
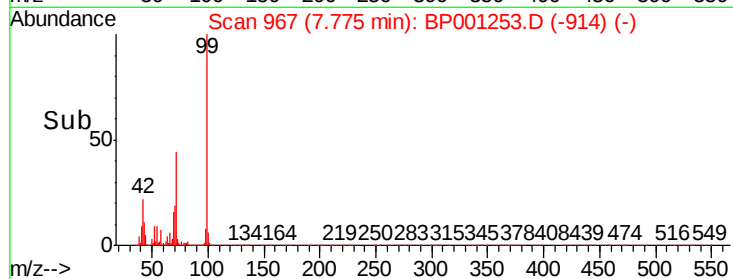
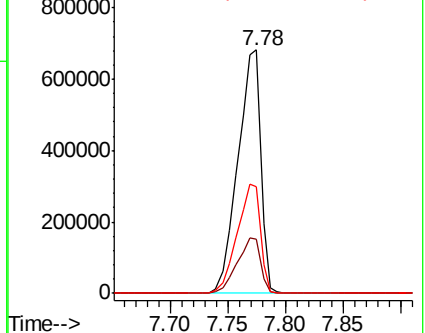
71 44.0 33.8 50.8



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: BP001253.D

Acq: 07 Dec 2019 14:37

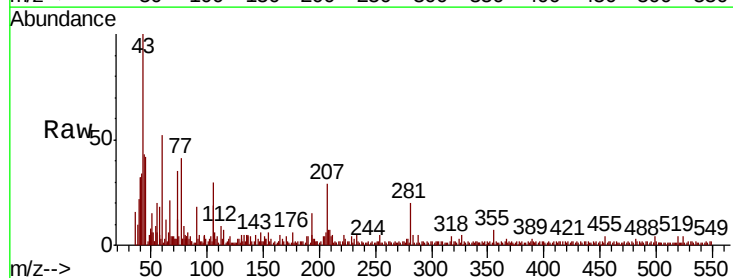
Tgt Ion: 77 Resp: 239

Ion Ratio Lower Upper

77 100

105 46.1 69.7 109.7#

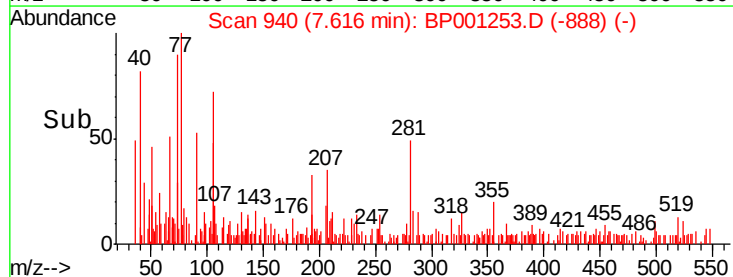
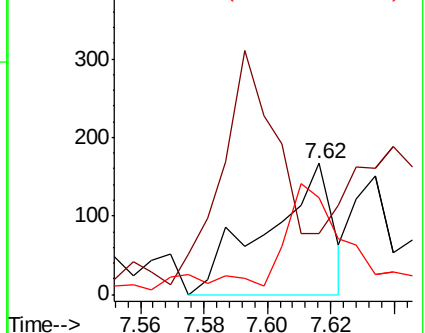
106 89.2 67.1 107.1

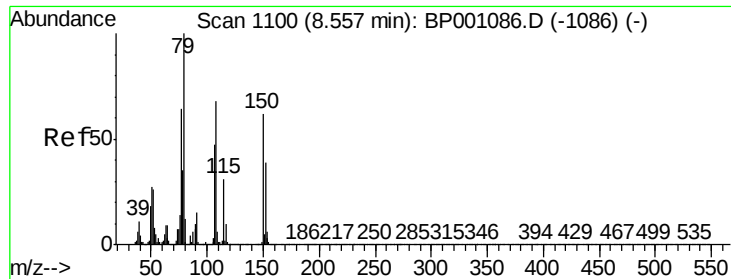


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.271 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

Instrument :

BNA_P

ClientSampleId :

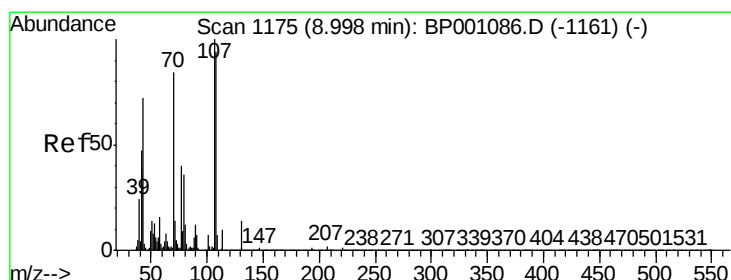
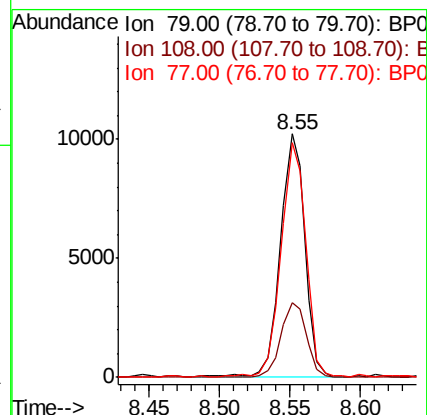
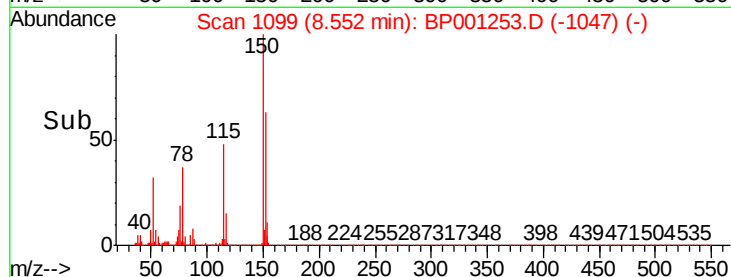
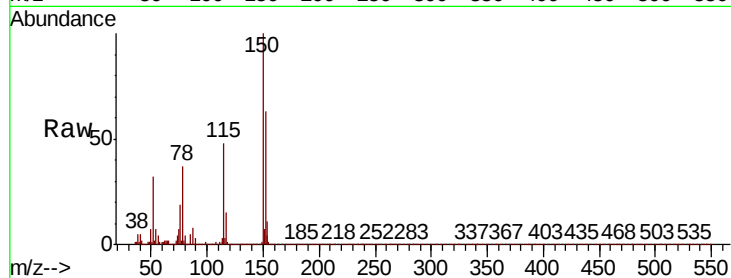
Tot Ion: 79 Resp: 12275

Ion Ratio Lower Upper

79 100

108 30.6 51.6 77.4#

77 96.5 53.5 80.3#



#19

n-Nitroso-di-n-propylamine

Concen: 20.071 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.21 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

Tgt Ion: 70 Resp: 95375

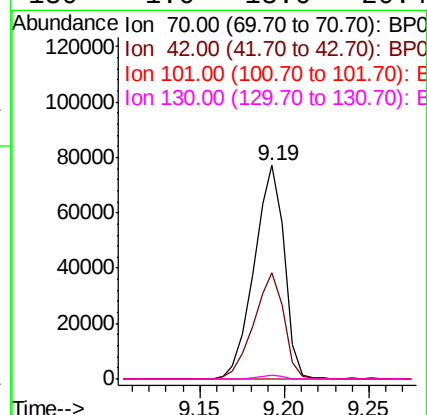
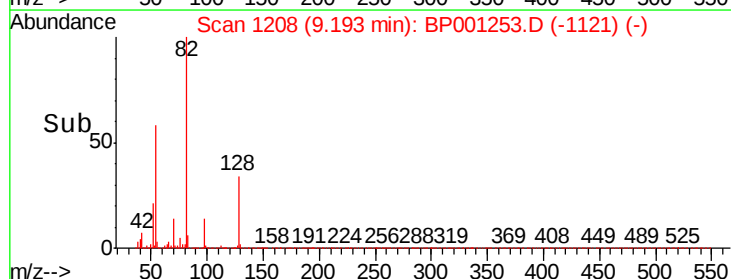
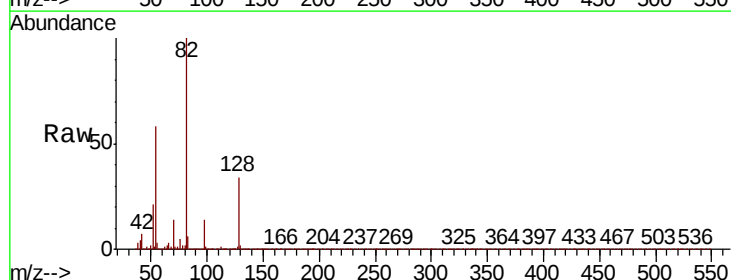
Ion Ratio Lower Upper

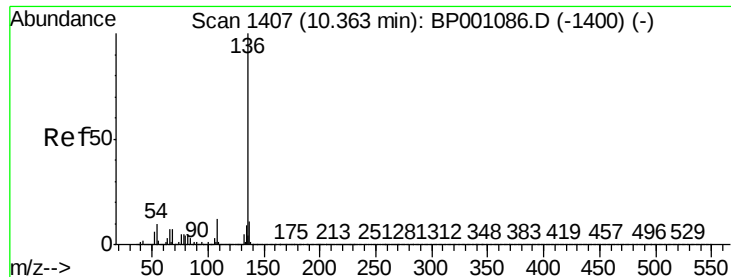
70 100

42 50.0 50.6 76.0#

101 0.0 7.1 10.7#

130 1.6 13.6 20.4#

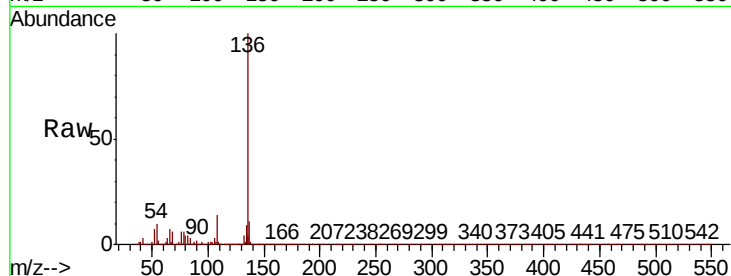




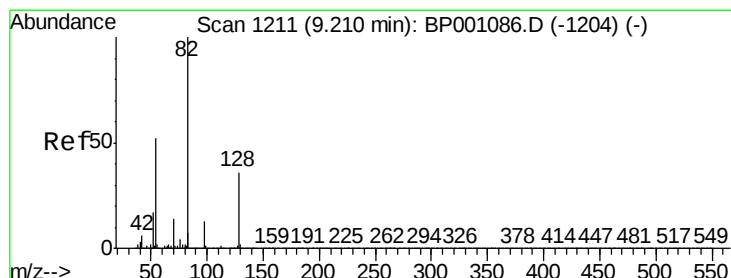
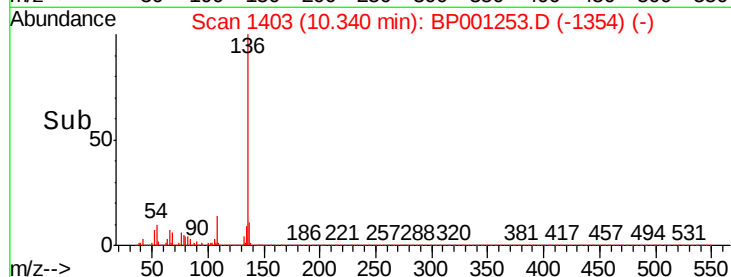
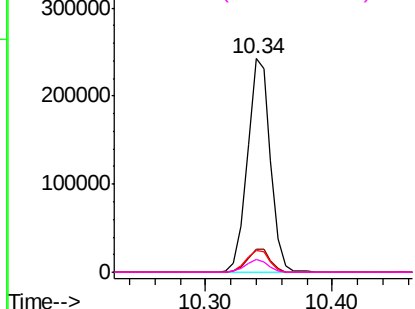
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001253.D
Acq: 07 Dec 2019 14:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	303273
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.4	12.6
54 10.1	7.4	11.0
68 5.8	4.6	7.0

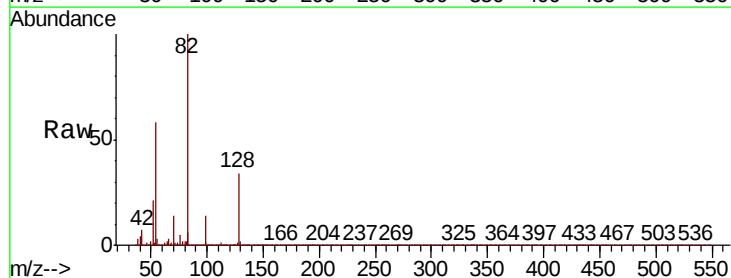


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

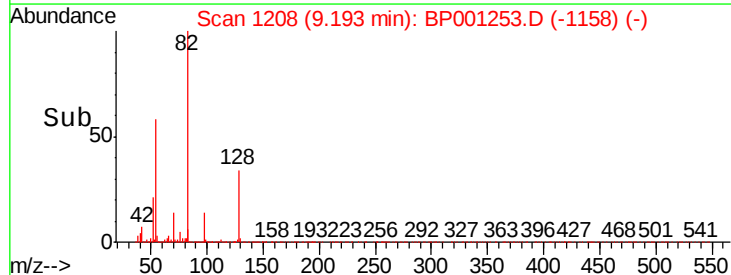
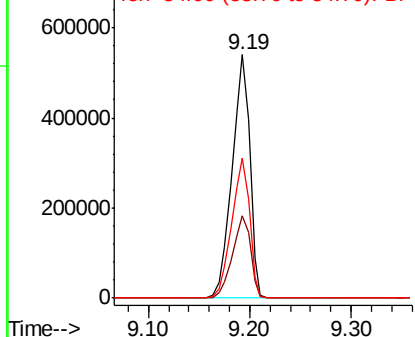


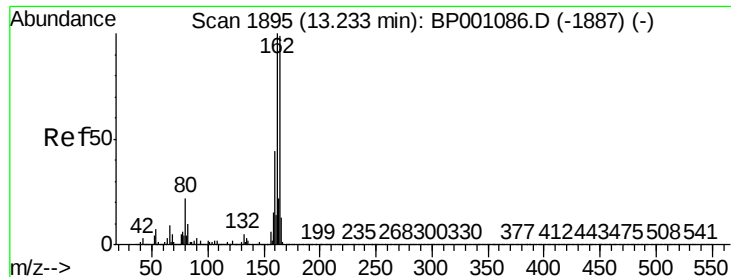
#23
Nitrobenzene-d5
Concen: 93.962 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001253.D
Acq: 07 Dec 2019 14:37

Tgt	Ion: 82	Resp:	656807
Ion	Ratio	Lower	Upper
82	100		
128	34.1	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: BP001253.D

Acq: 07 Dec 2019 14:37

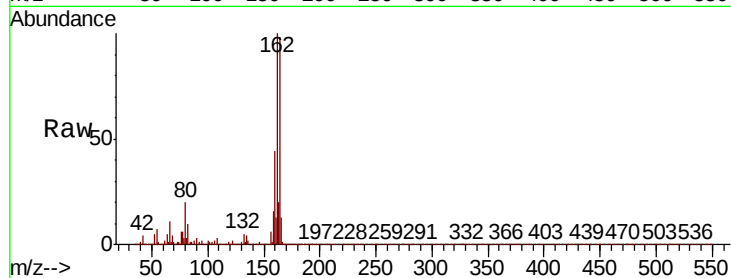
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 175946

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.7	121.1
160	45.0	36.3	54.5

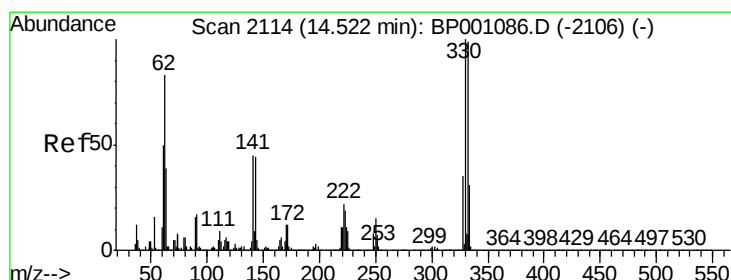
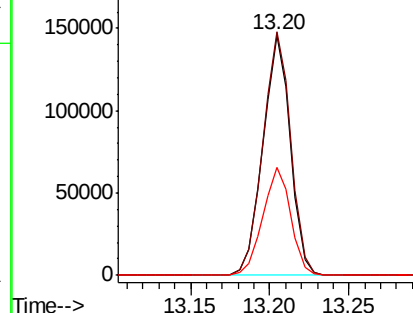
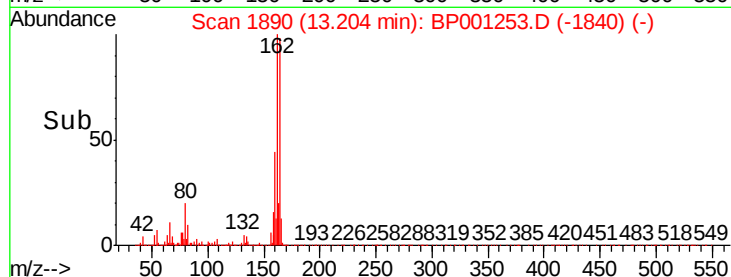


Abundance

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: 163.966 ng

RT: 14.50 min Scan# 2111

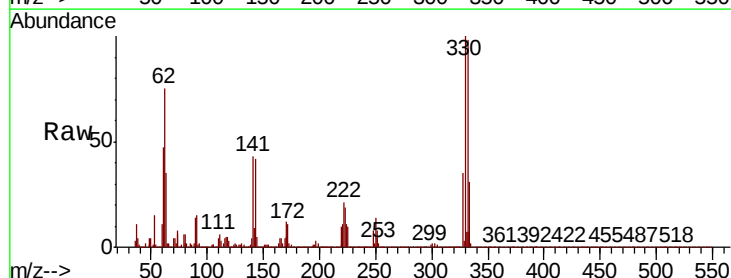
Delta R.T. 0.00 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

Tgt Ion:330 Resp: 276520

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	44.2	35.9	53.9

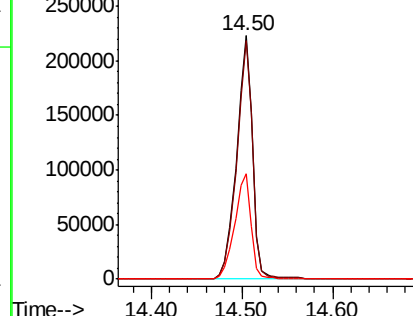
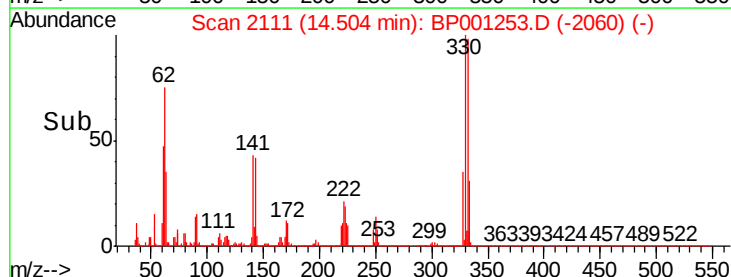


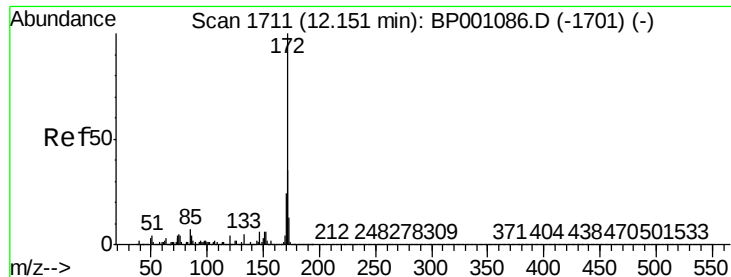
Abundance

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

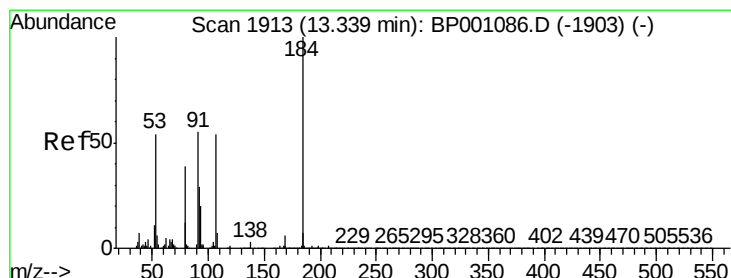
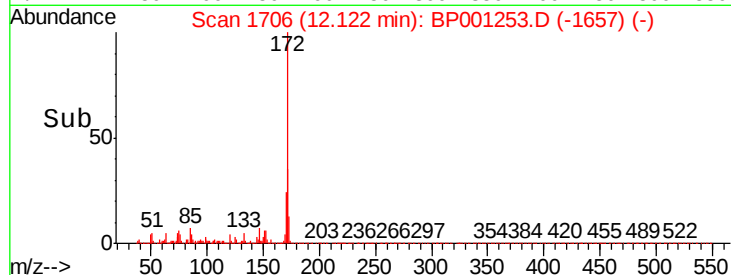
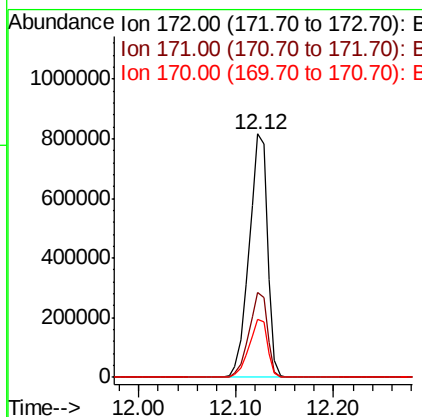
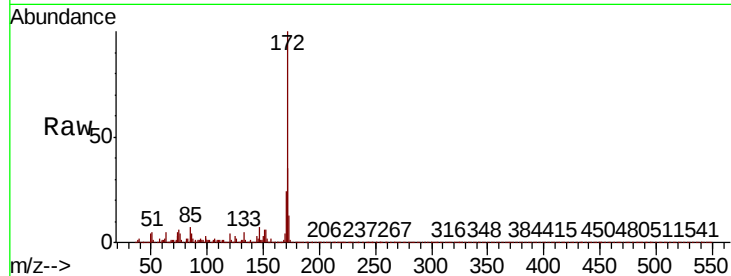




#45
2-Fluorobiphenyl
Concen: 89.729 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001253.D
Acq: 07 Dec 2019 14:37

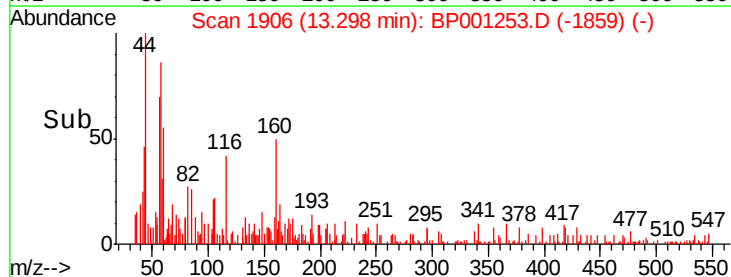
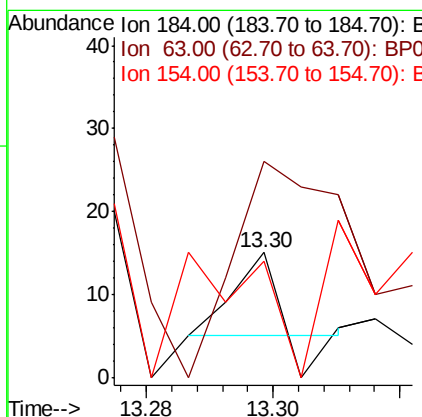
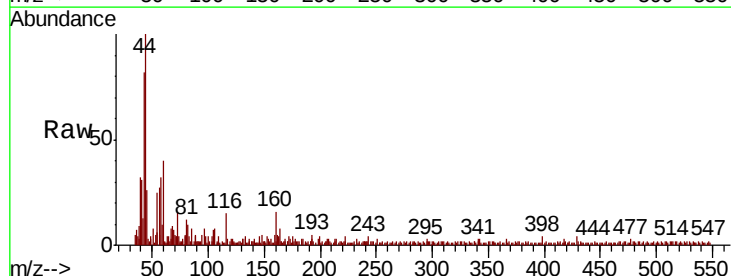
Instrument :
BNA_P
ClientSampleId :

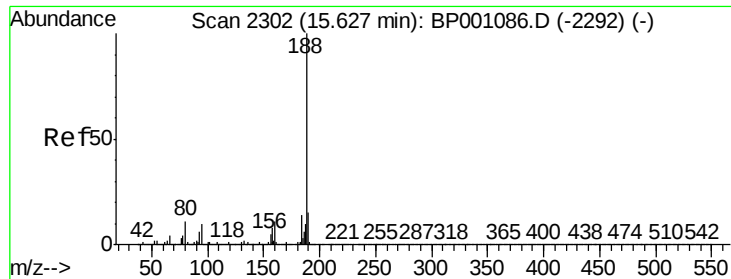
Tot Ion:172 Resp: 1078691
Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 23.8 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.112 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.02 min
Lab File: BP001253.D
Acq: 07 Dec 2019 14:37

Tgt Ion:184 Resp: 4
Ion Ratio Lower Upper
184 100
63 89.7 69.4 104.0
154 48.3 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: BP001253.D

Acq: 07 Dec 2019 14:37

Instrument :

BNA_P

ClientSampleId :

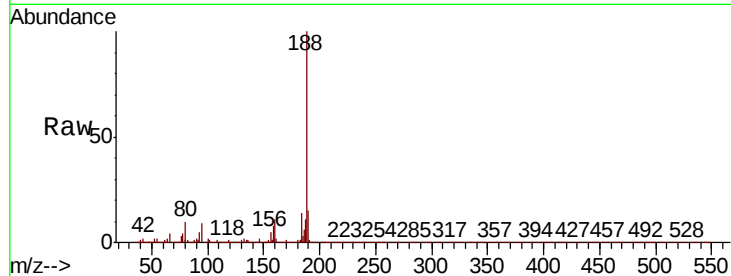
Tot Ion:188 Resp: 348681

Ion Ratio Lower Upper

188 100

94 8.6 7.1 10.7

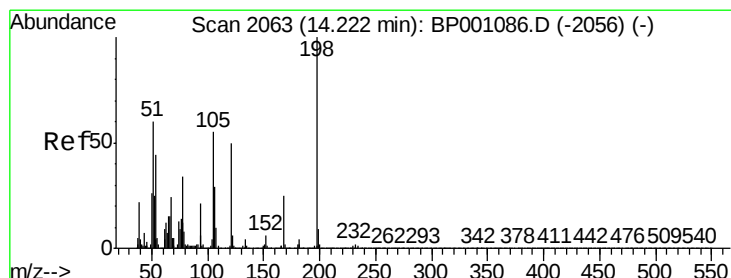
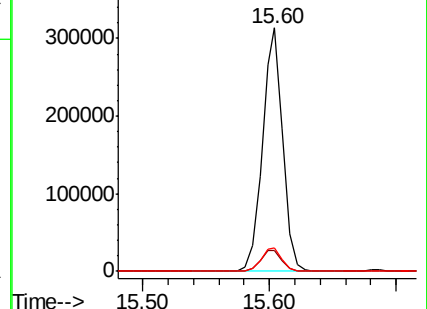
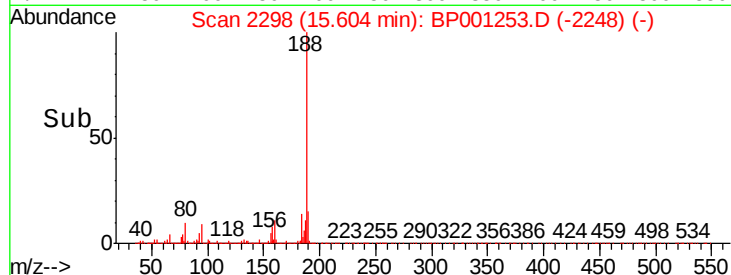
80 9.5 7.8 11.6



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: 6.291 ng

RT: 14.35 min Scan# 2085

Delta R.T. 0.14 min

Lab File: BP001253.D

Acq: 07 Dec 2019 14:37

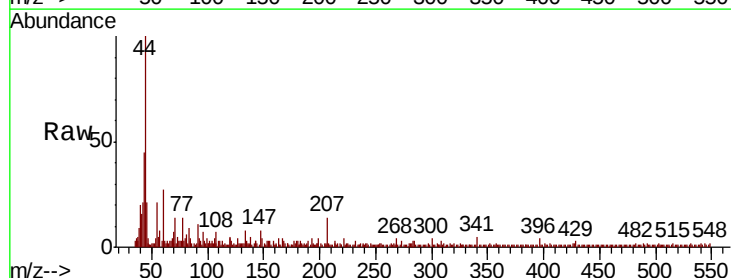
Tgt Ion:198 Resp: 25

Ion Ratio Lower Upper

198 100

51 72.2 36.2 76.2

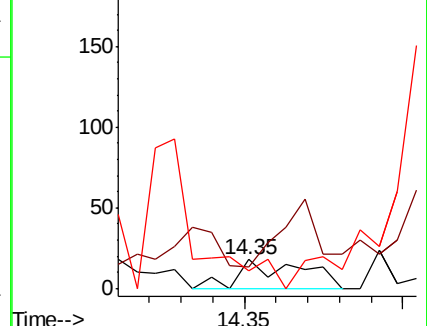
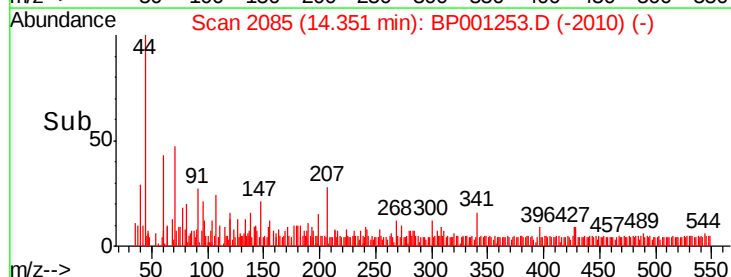
105 61.1 30.2 70.2

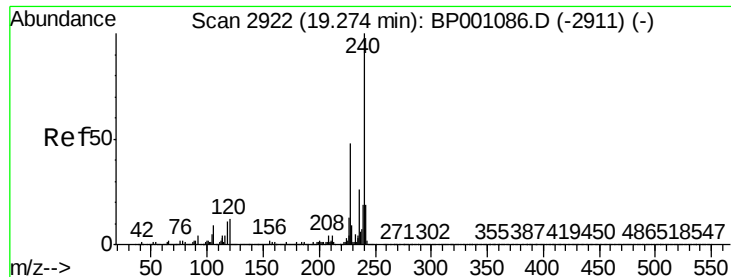


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

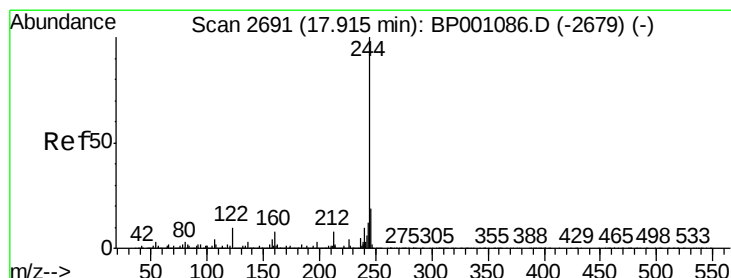
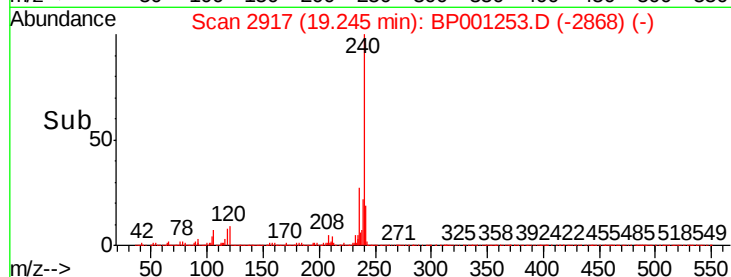
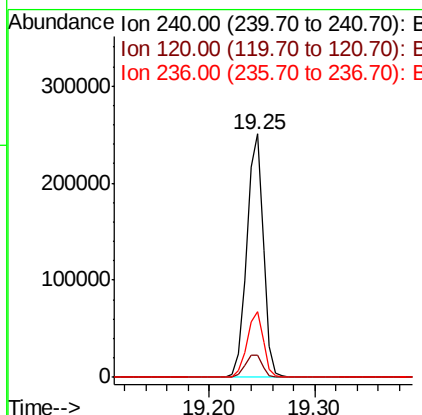
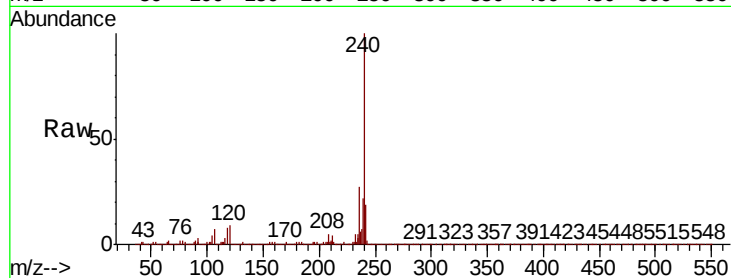




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001253.D
Acq: 07 Dec 2019 14:37

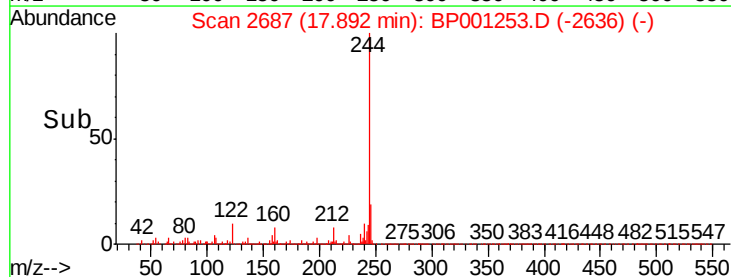
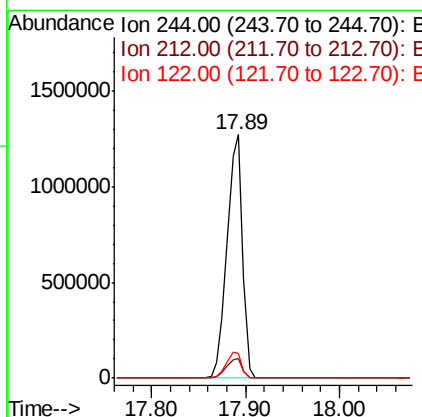
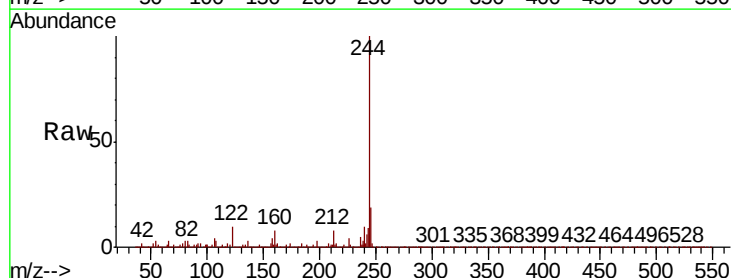
Instrument :
BNA_P
ClientSampleId :

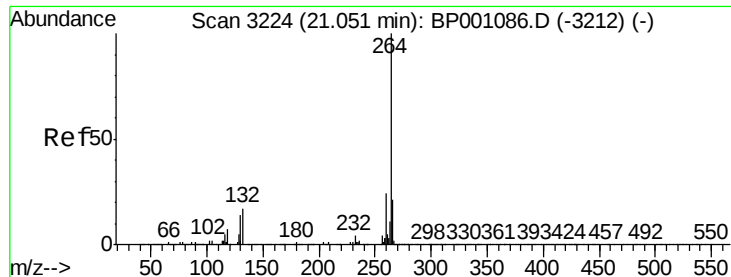
Tot Ion:240 Resp: 271479
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 26.8 21.7 32.5



#79
Terphenyl-d14
Concen: 99.068 ng
RT: 17.89 min Scan# 2687
Delta R.T. 0.00 min
Lab File: BP001253.D
Acq: 07 Dec 2019 14:37

Tgt Ion:244 Resp: 1453707
Ion Ratio Lower Upper
244 100
212 7.9 6.6 9.8
122 9.9 9.2 13.8

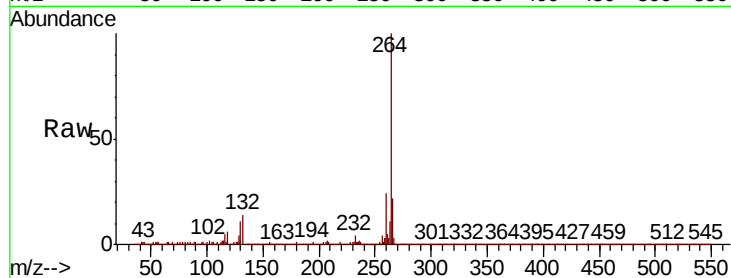




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001253.D
Acq: 07 Dec 2019 14:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	21.8	17.1	25.7



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

