

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001255.D
 Acq On : 07 Dec 2019 15:36
 Operator : JU
 Sample : K6141-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 00:42:17 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

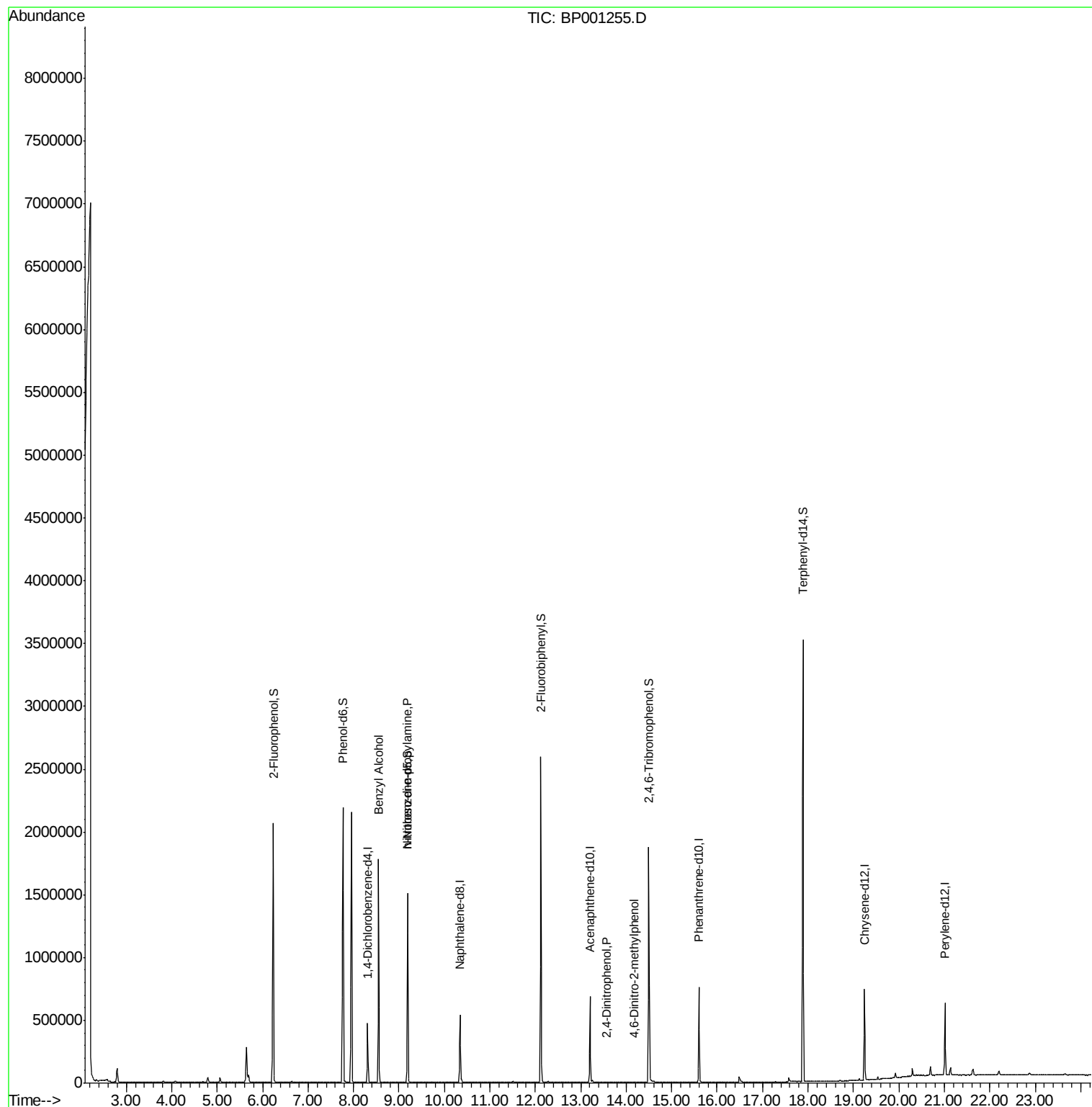
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	77341	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	289706	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	169898	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	344130	20.00	ng	0.00
76) Chrysene-d12	19.25	240	270296	20.00	ng	-0.01
87) Perylene-d12	21.02	264	276235	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	634238	136.05	ng	0.02
7) Phenol-d6	7.77	99	867485	139.68	ng	0.00
23) Nitrobenzene-d5	9.19	82	608843	91.18	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	257512	158.13	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1022041	88.04	ng	-0.01
79) Terphenyl-d14	17.89	244	1400611	95.87	ng	0.00
Target Compounds						
9) Benzaldehyde	7.62	77	141	Below Cal	Qvalue	
15) Benzyl Alcohol	8.55	79	11428	2.242 ng	#	48
19) n-Nitroso-di-n-propylamine	9.19	70	88762	19.807 ng	#	57
54) 2,4-Dinitrophenol	13.56	184	30	7.134 ng	#	80
65) 4,6-Dinitro-2-methylphenol	14.17	198	29	6.294 ng	#	91
					#	1

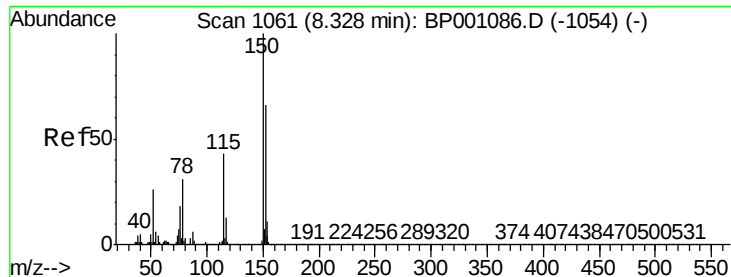
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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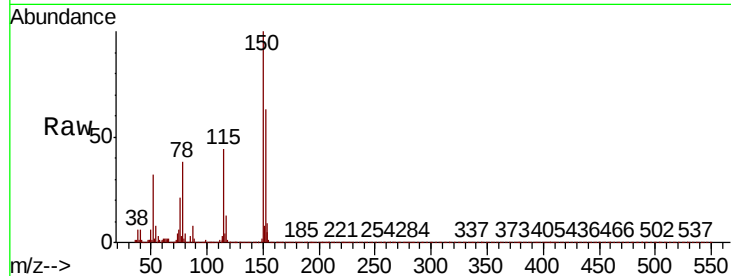




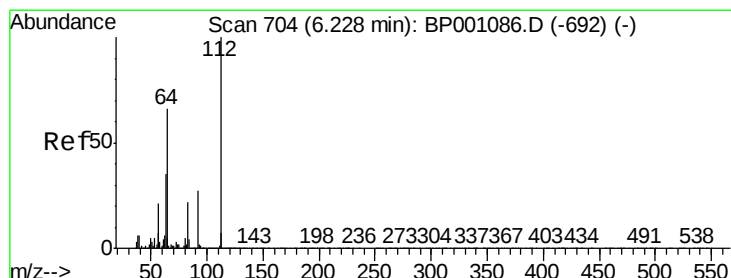
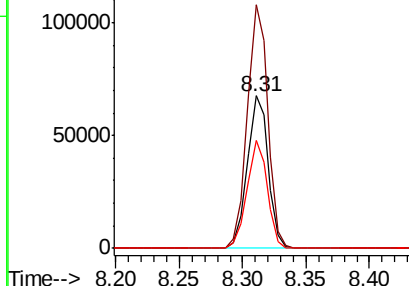
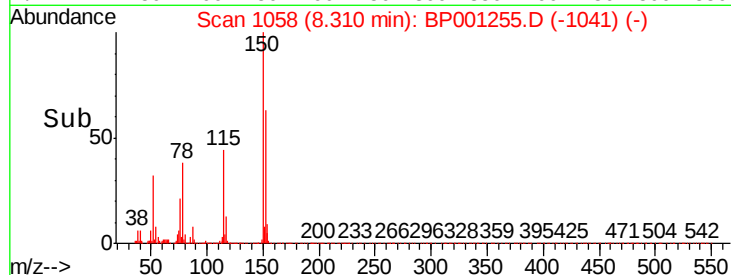
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BP001255.D
 Acq: 07 Dec 2019 15:36

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:152 Resp: 77341
 Ion Ratio Lower Upper
 152 100
 150 159.7 127.3 190.9
 115 70.6 56.0 84.0

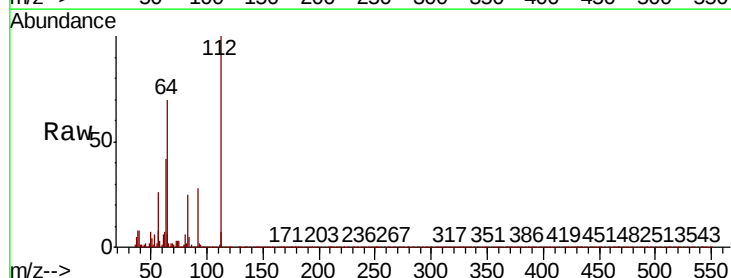


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

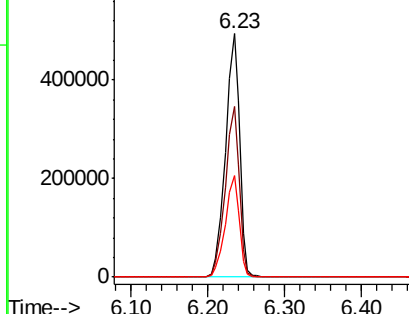
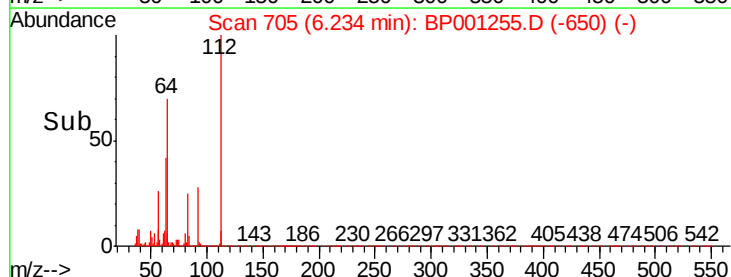


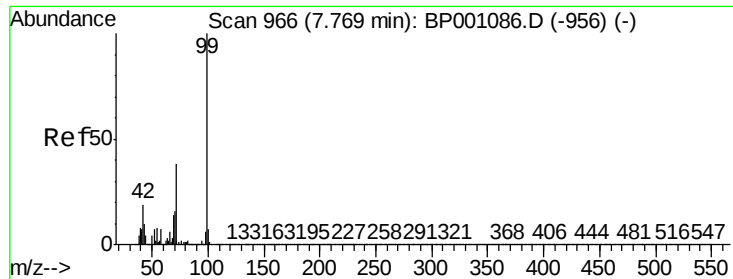
#5
 2-Fluorophenol
 Concen: 136.054 ng
 RT: 6.23 min Scan# 705
 Delta R.T. 0.02 min
 Lab File: BP001255.D
 Acq: 07 Dec 2019 15:36

Tgt Ion:112 Resp: 634238
 Ion Ratio Lower Upper
 112 100
 64 70.0 56.8 85.2
 63 41.6 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: 139.680 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001255.D

Acq: 07 Dec 2019 15:36

Instrument :

BNA_P

ClientSampleId :

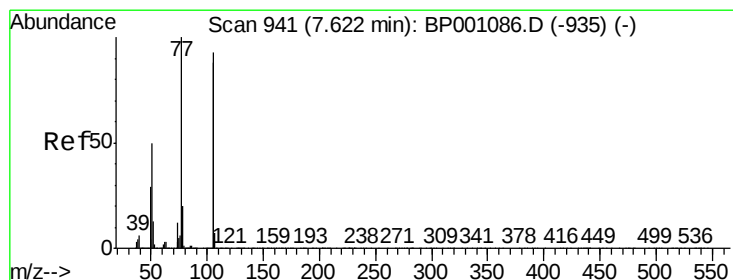
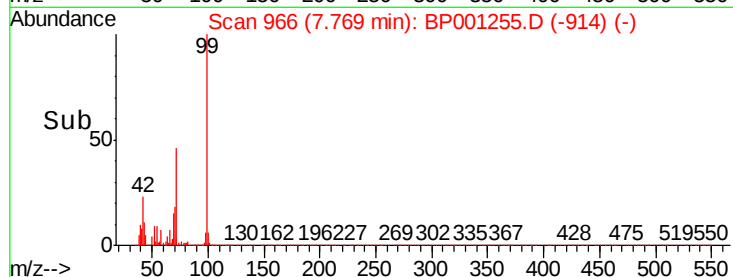
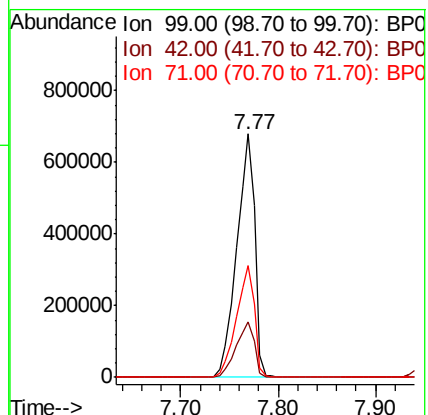
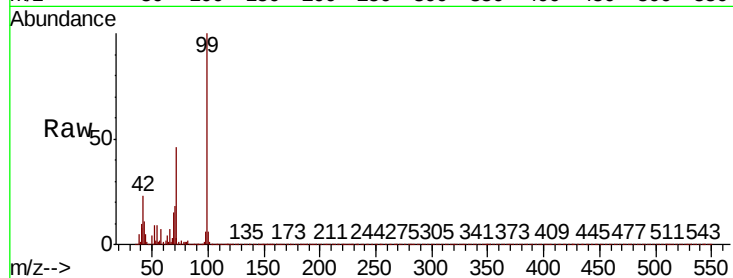
Tot Ion: 99 Resp: 867485

Ion Ratio Lower Upper

99 100

42 23.0 17.6 26.4

71 45.7 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BP001255.D

Acq: 07 Dec 2019 15:36

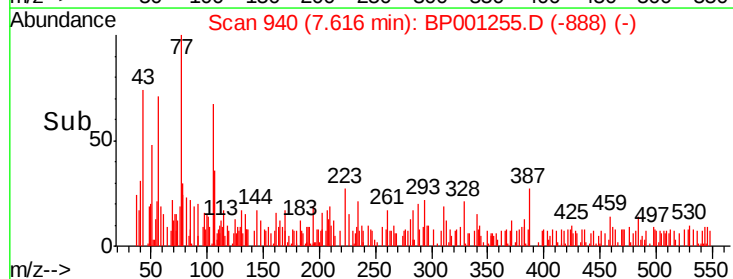
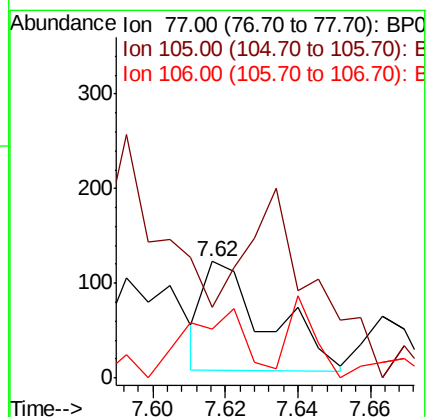
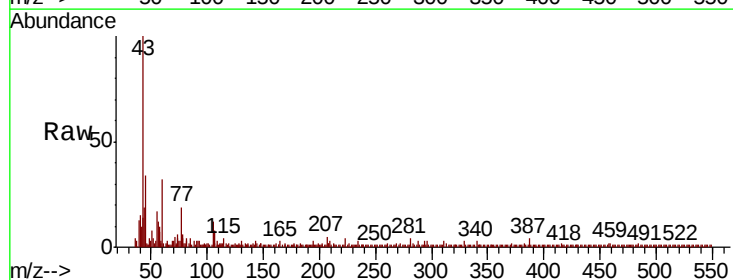
Tgt Ion: 77 Resp: 141

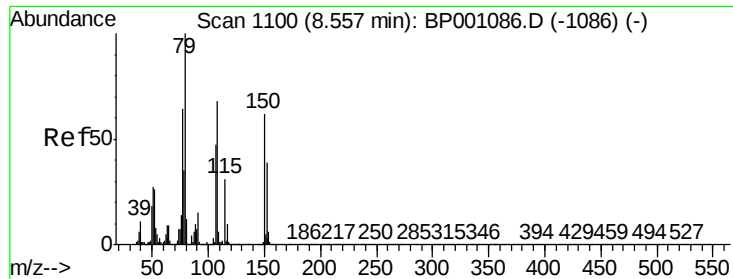
Ion Ratio Lower Upper

77 100

105 47.2 69.7 109.7#

106 32.1 67.1 107.1#

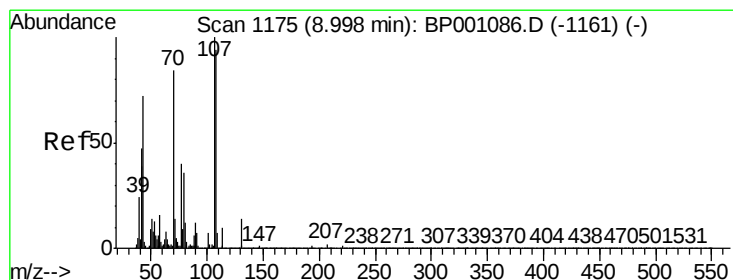
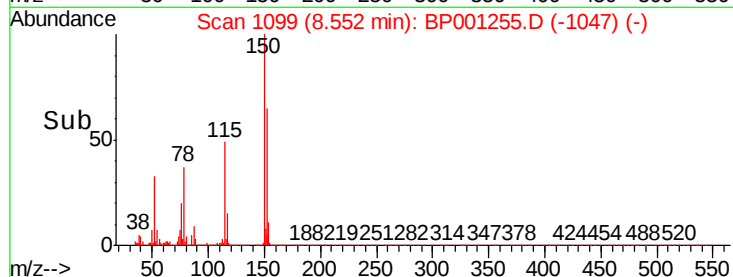
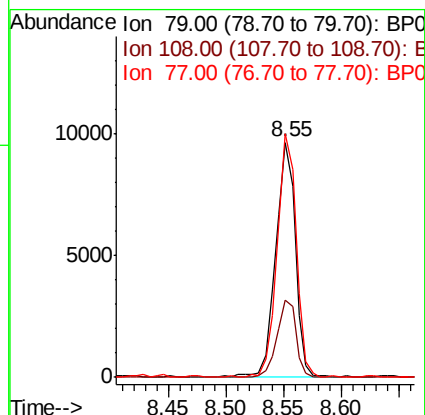
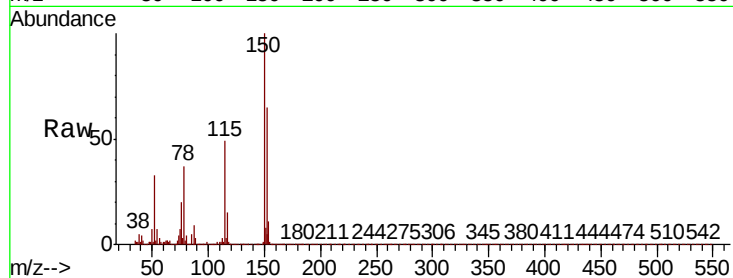




#15
Benzyl Alcohol
Concen: 2.242 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.01 min
Lab File: BP001255.D
Acq: 07 Dec 2019 15:36

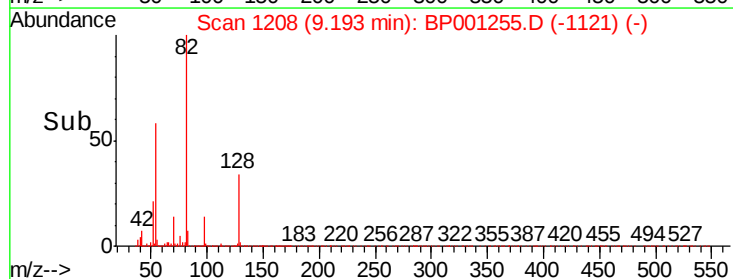
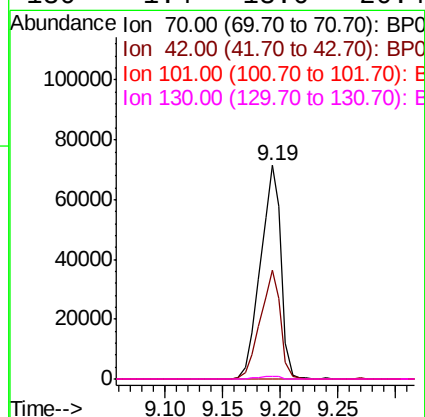
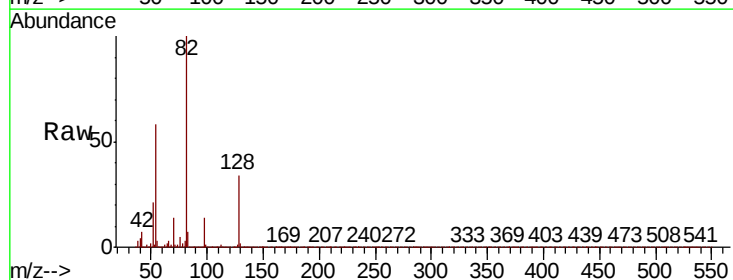
Instrument :
BNA_P
ClientSampled :

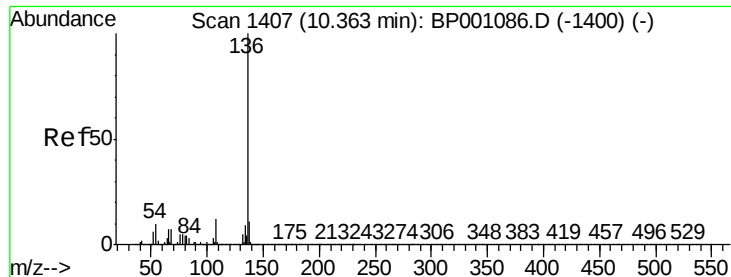
Tot Ion	Ratio	Lower	Upper
79	100		
108	33.1	51.6	77.4#
77	103.6	53.5	80.3#



#19
n-Nitroso-di-n-propylamine
Concen: 19.807 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001255.D
Acq: 07 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
70	100		
42	51.2	50.6	76.0
101	0.0	7.1	10.7#
130	1.4	13.6	20.4#

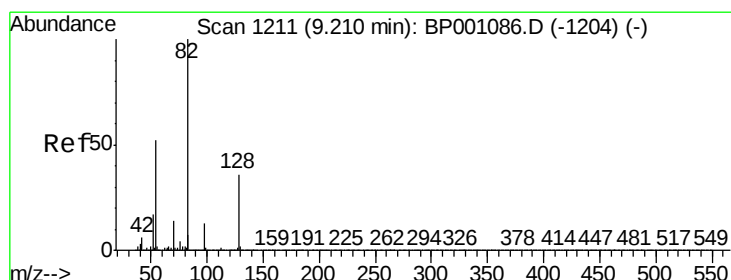
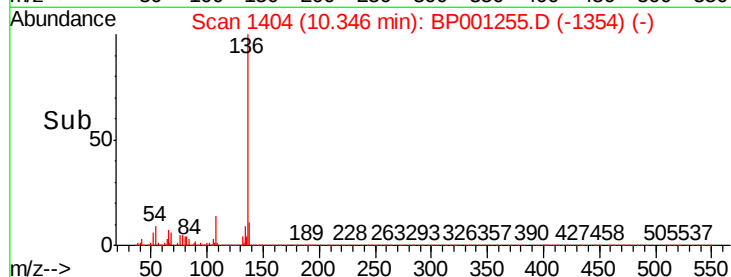
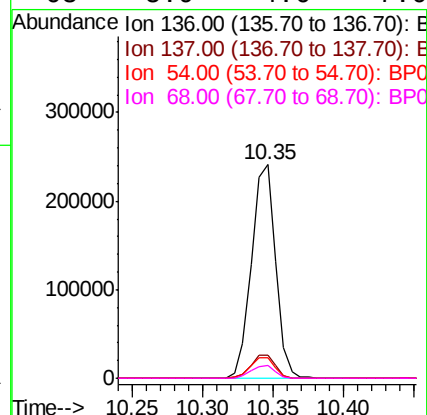
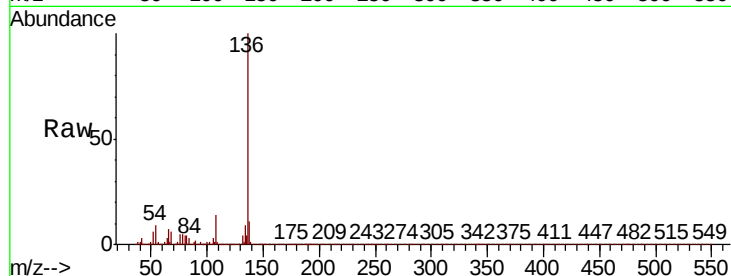




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001255.D
Acq: 07 Dec 2019 15:36

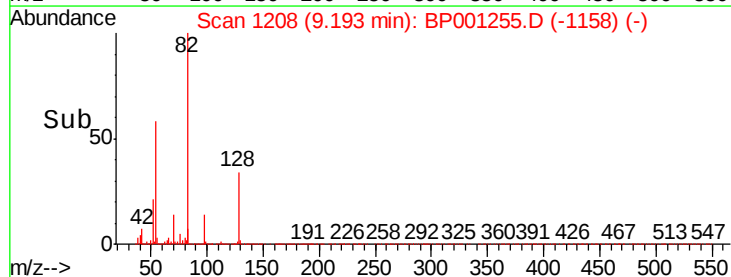
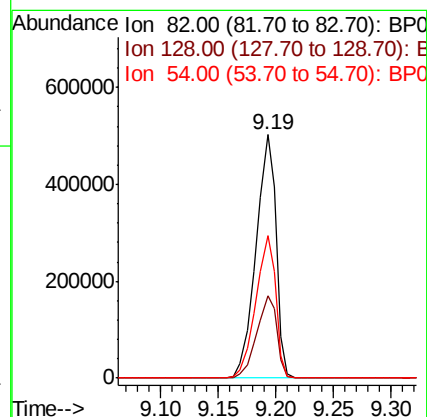
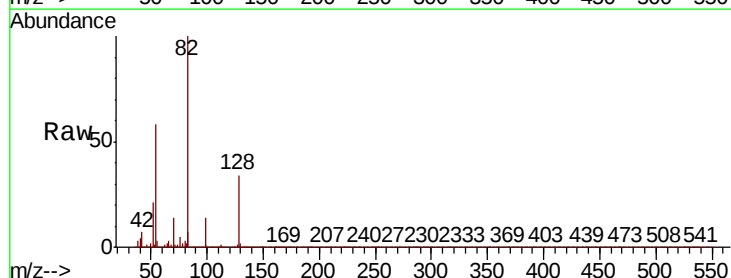
Instrument :
BNA_P
ClientSampleId :

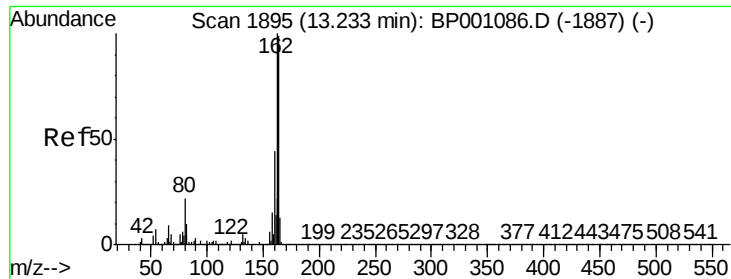
Tot Ion:136	Resp:	289706	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.4	12.6	
54 9.3	7.4	11.0	
68 5.9	4.6	7.0	



#23
Nitrobenzene-d5
Concen: 91.179 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001255.D
Acq: 07 Dec 2019 15:36

Tgt	Ion: 82	Resp:	608843
Ion	Ratio	Lower	Upper
82	100		
128	33.7	27.5	41.3
54	58.4	45.7	68.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. -0.01 min

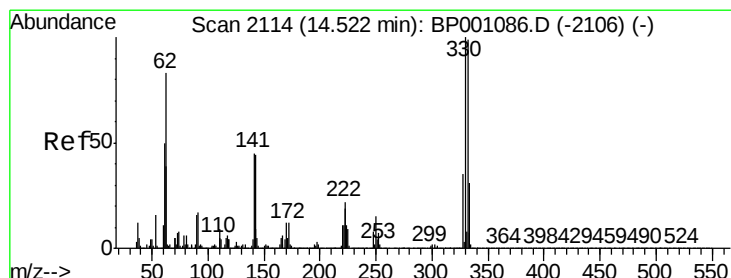
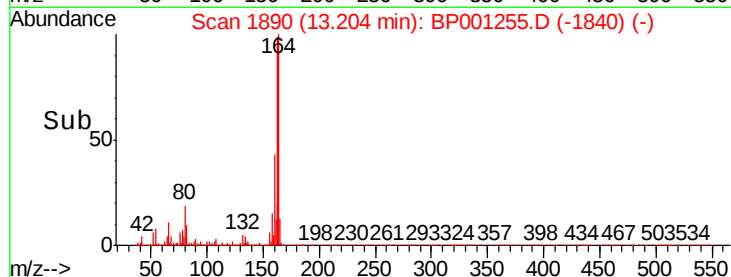
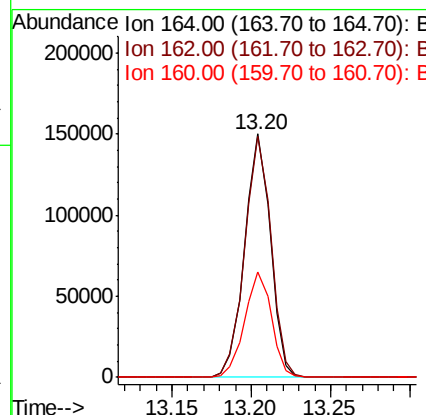
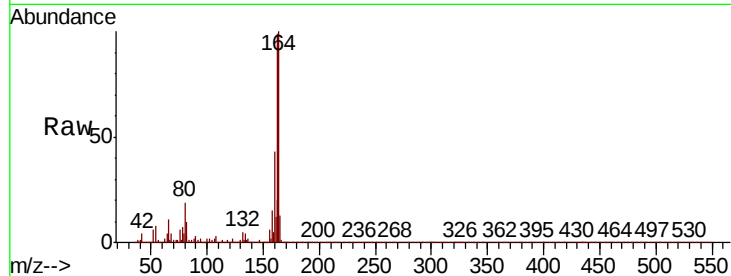
Lab File: BP001255.D

Acq: 07 Dec 2019 15:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion:164 Resp: 169898

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.7	121.1
160	43.1	36.3	54.5



#42

2,4,6-Tribromophenol

Concen: 158.131 ng

RT: 14.50 min Scan# 2111

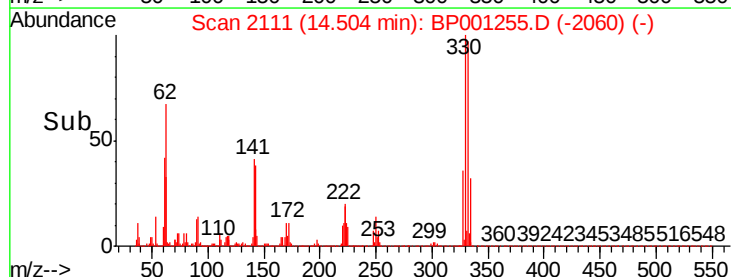
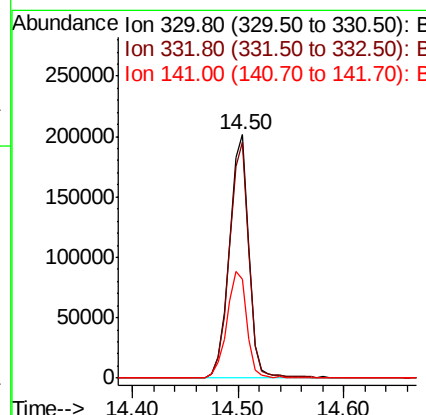
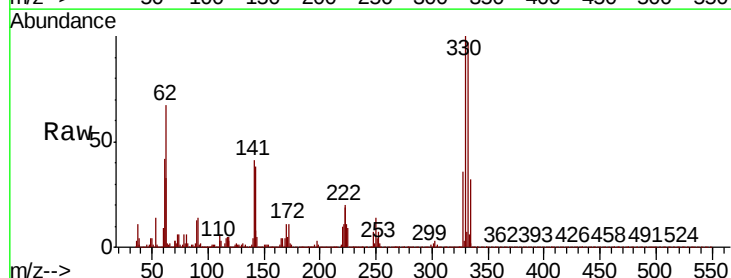
Delta R.T. 0.00 min

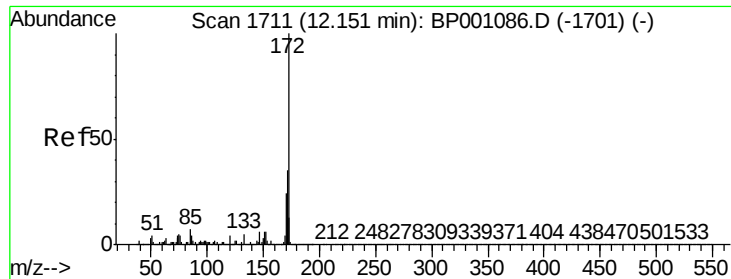
Lab File: BP001255.D

Acq: 07 Dec 2019 15:36

Tgt Ion:330 Resp: 257512

Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	45.4	35.9	53.9

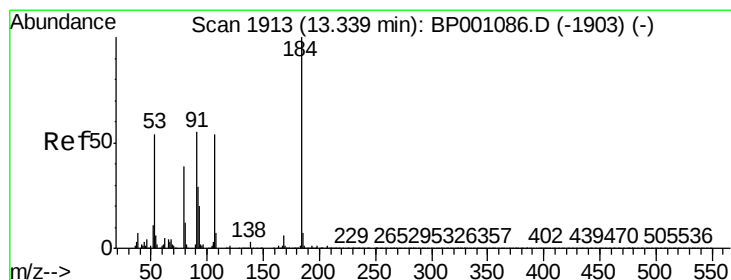
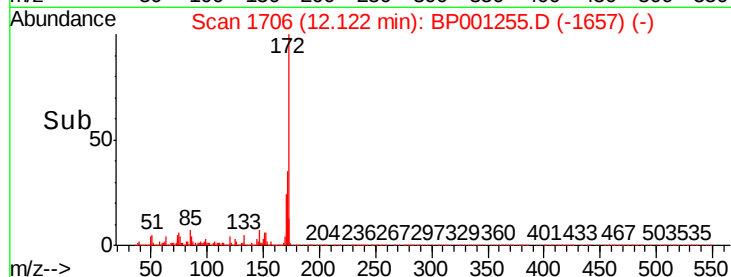
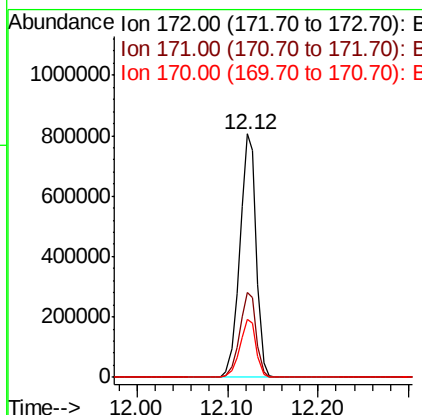
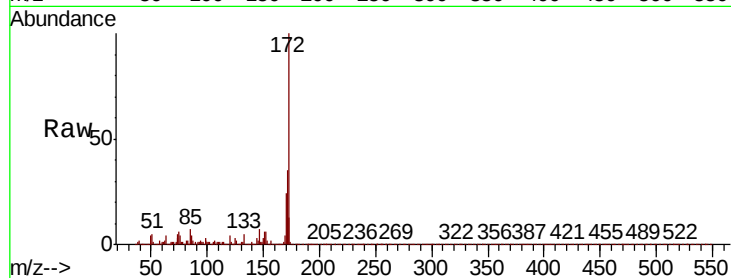




#45
2-Fluorobiphenyl
Concen: 88.043 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001255.D
Acq: 07 Dec 2019 15:36

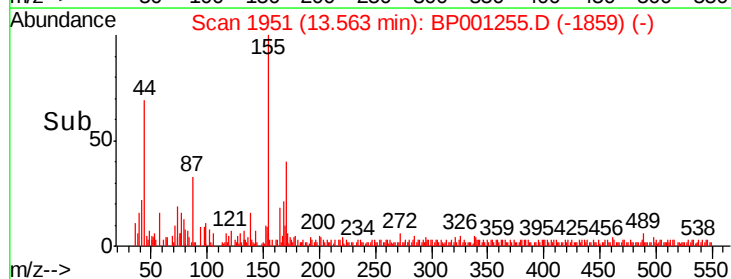
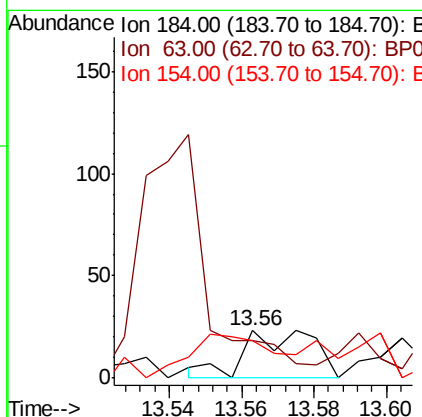
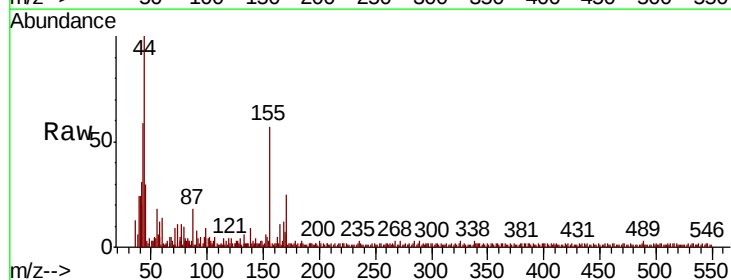
Instrument :
BNA_P
ClientSampled :

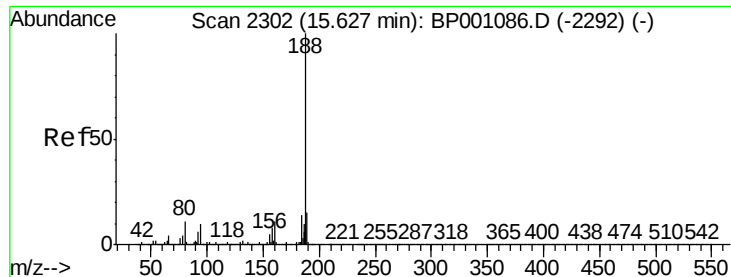
Tot Ion:172 Resp: 1022041
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 24.1 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.134 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.24 min
Lab File: BP001255.D
Acq: 07 Dec 2019 15:36

Tgt Ion:184 Resp: 30
Ion Ratio Lower Upper
184 100
63 78.3 69.4 104.0
154 78.3 57.4 86.2

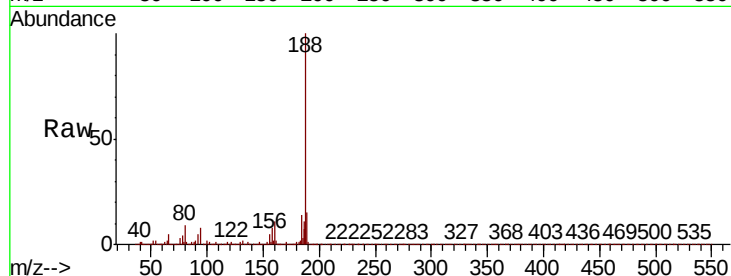




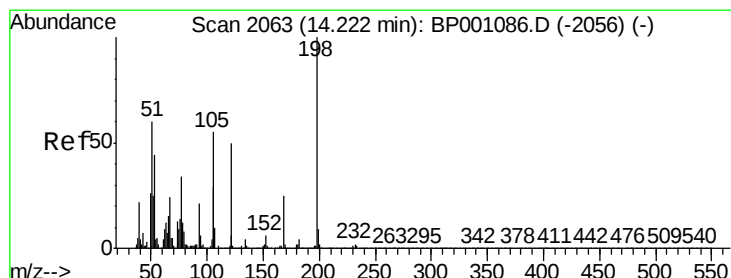
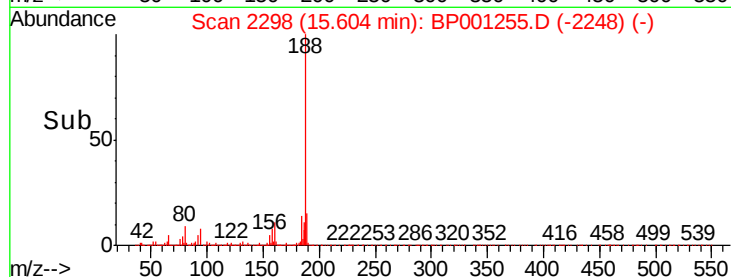
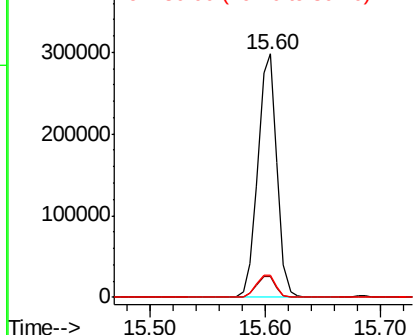
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001255.D
Acq: 07 Dec 2019 15:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	8.9	7.8	11.6

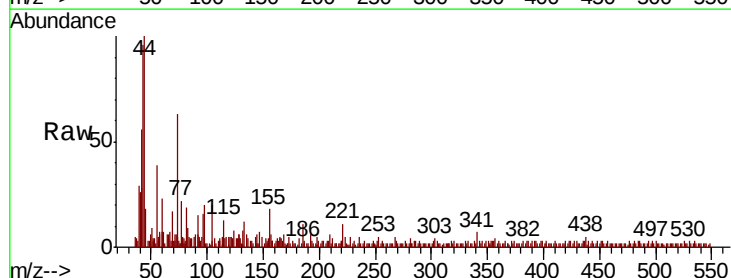


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

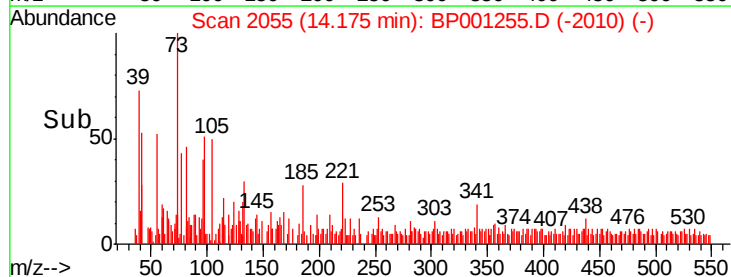
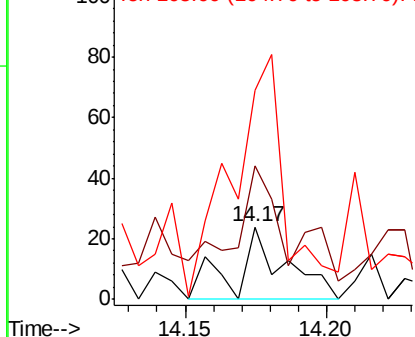


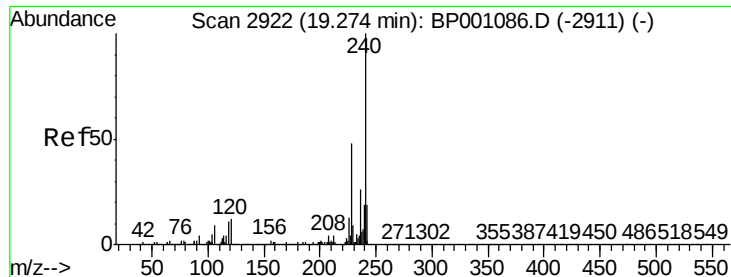
#65
4,6-Dinitro-2-methylphenol
Concen: 6.294 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.04 min
Lab File: BP001255.D
Acq: 07 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
198	100		
51	183.3	36.2	76.2#
105	287.5	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

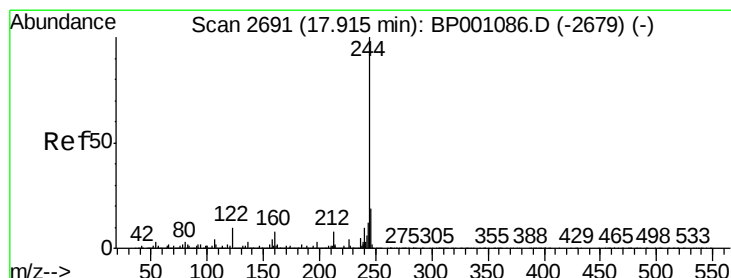
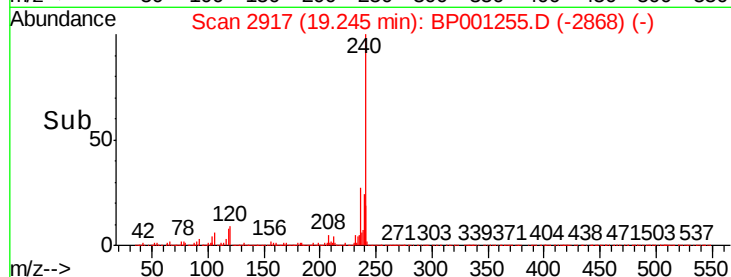
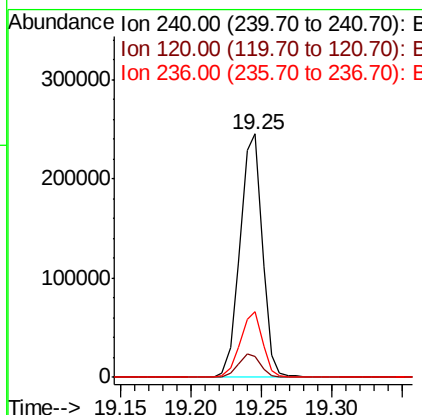
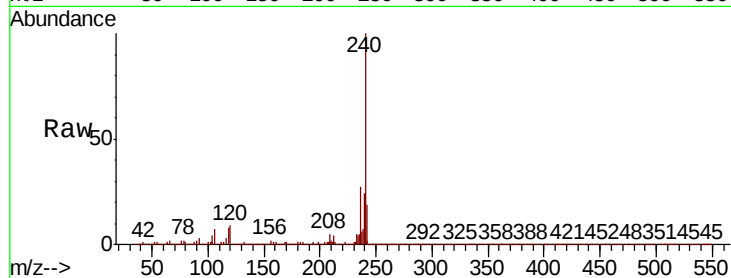




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001255.D
Acq: 07 Dec 2019 15:36

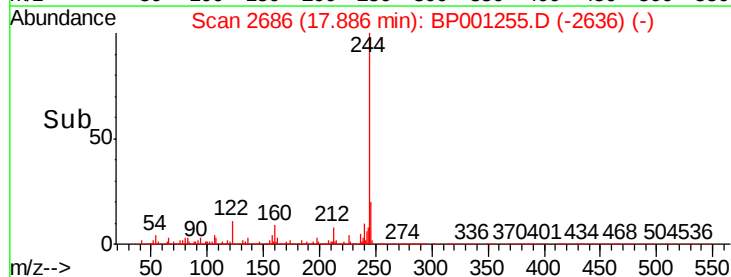
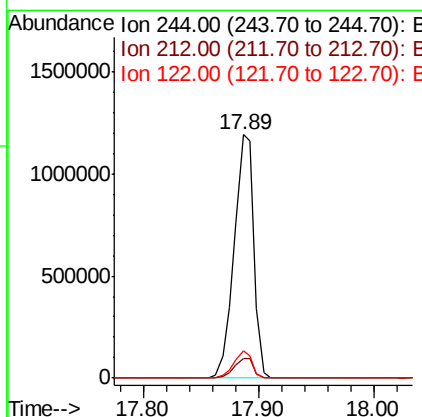
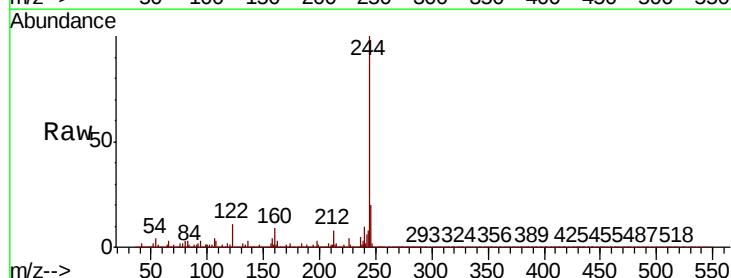
Instrument :
BNA_P
ClientSampleId :

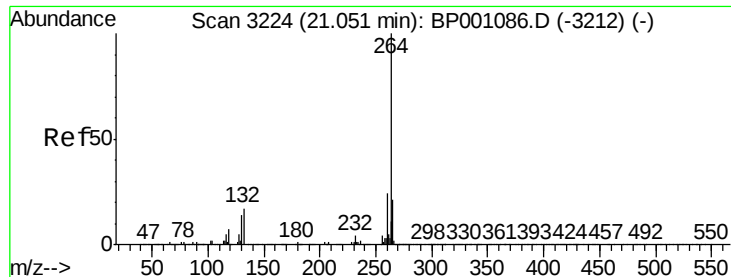
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.0	10.6
236	26.9	21.7	32.5



#79
Terphenyl-d14
Concen: 95.868 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BP001255.D
Acq: 07 Dec 2019 15:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	11.2	9.2	13.8

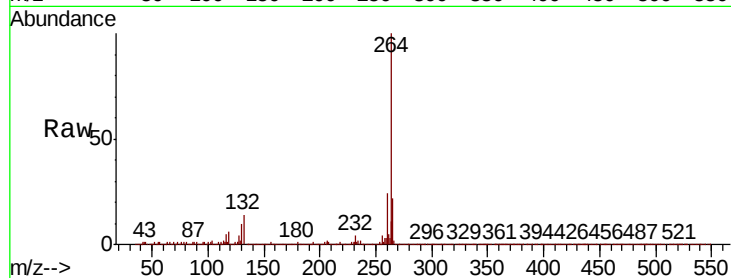




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001255.D
Acq: 07 Dec 2019 15:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.6	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

