

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001298.D
 Acq On : 10 Dec 2019 17:24
 Operator : JU
 Sample : PB125370BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 11 03:55:19 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

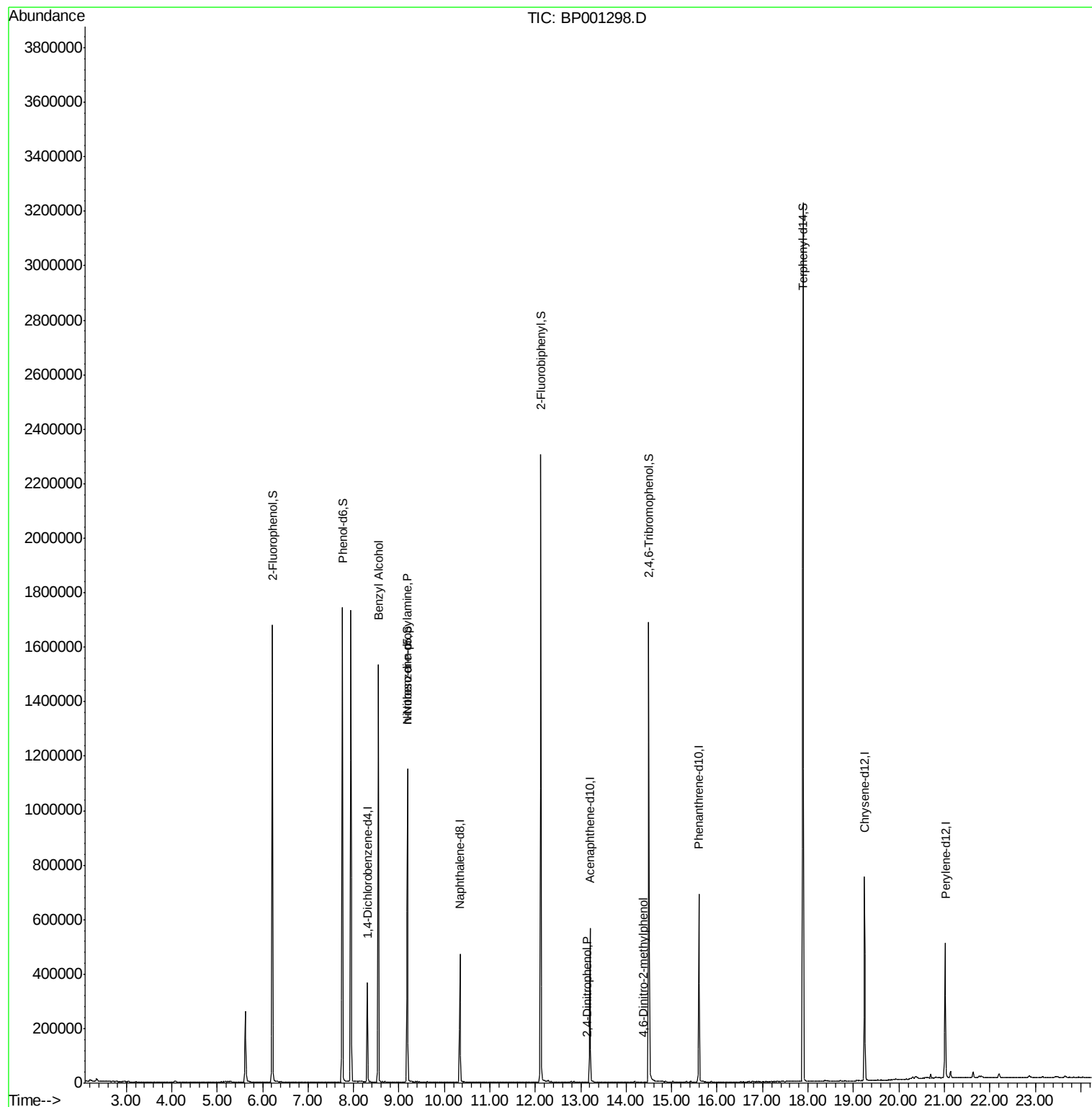
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	62419	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	235793	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	148365	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	320182	20.00	ng	0.00
76) Chrysene-d12	19.24	240	267029	20.00	ng	-0.01
87) Perylene-d12	21.02	264	267787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	496327	131.92	ng	0.00
7) Phenol-d6	7.76	99	673881	134.45	ng	0.00
23) Nitrobenzene-d5	9.19	82	473736	87.17	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	221826	155.99	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	866027	85.43	ng	-0.01
79) Terphenyl-d14	17.89	244	1289103	89.31	ng	0.00
Target Compounds						
9) Benzaldehyde	7.58	77	110	Below Cal	Qvalue #	17
15) Benzyl Alcohol	8.55	79	9497	2.308 ng	#	52
19) n-Nitroso-di-n-propylamine	9.19	70	70192	19.407 ng	#	79
54) 2,4-Dinitrophenol	13.14	184	6	7.115 ng		94
65) 4,6-Dinitro-2-methylphenol	14.37	198	24	6.292 ng		92

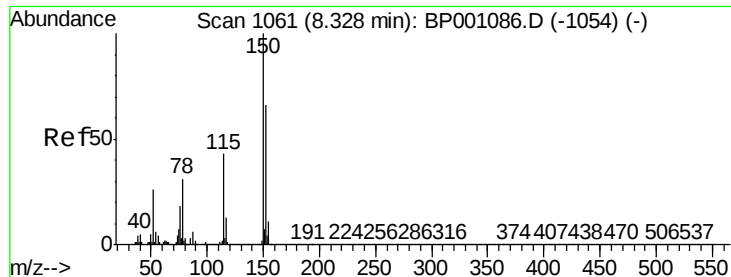
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 03:55:19 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

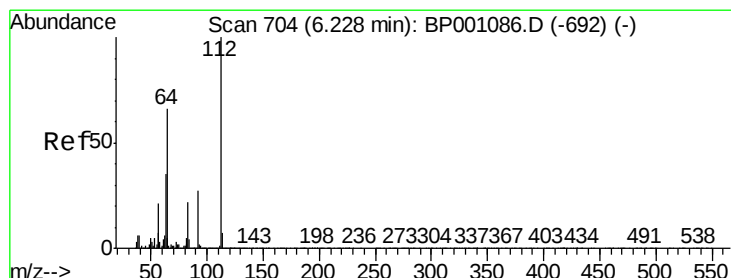
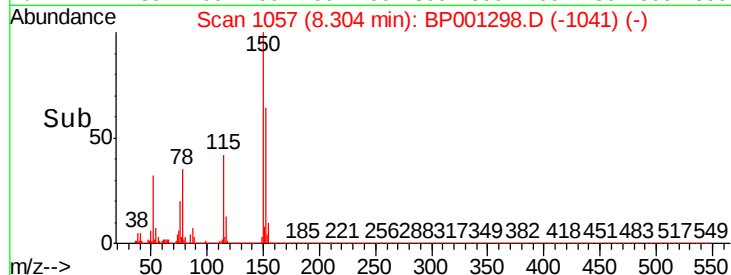
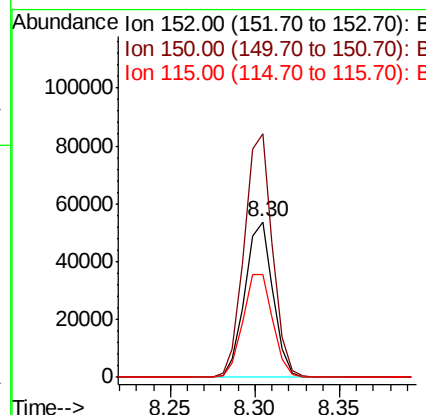
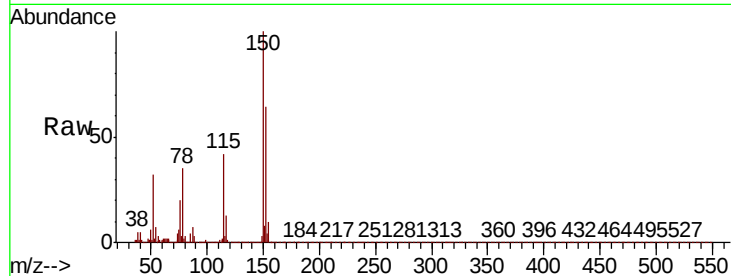




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001298.D
 Acq: 10 Dec 2019 17:24

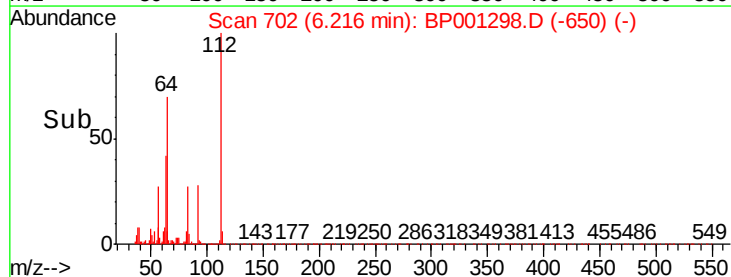
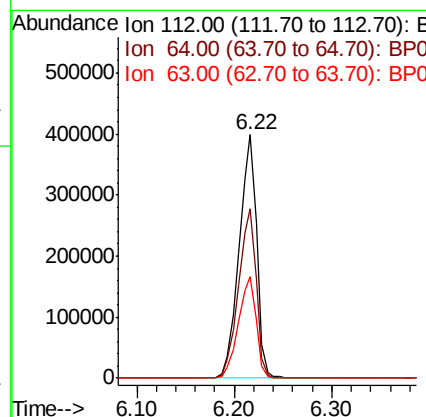
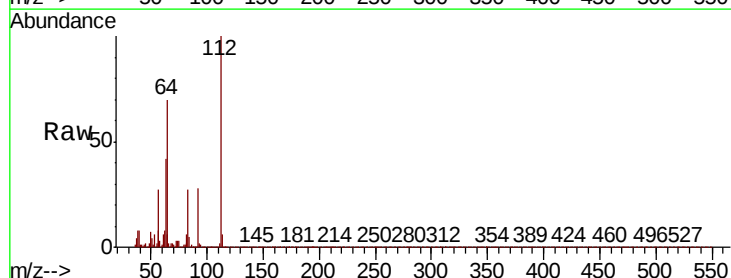
Instrument :
 BNA_P
 ClientSampleId :

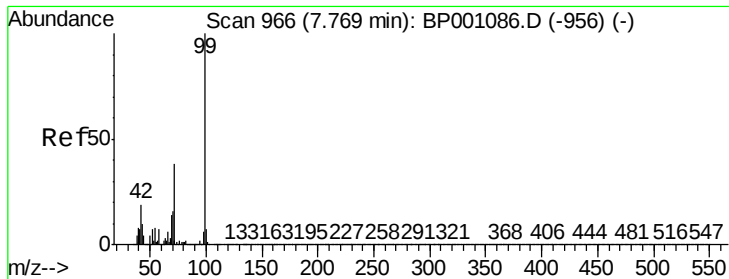
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.3	190.9
115	66.2	56.0	84.0



#5
 2-Fluorophenol
 Concen: 131.922 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BP001298.D
 Acq: 10 Dec 2019 17:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	56.8	85.2
63	41.7	32.2	48.2





#7

Phenol-d6

Concen: 134.446 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001298.D

Acq: 10 Dec 2019 17:24

Instrument :

BNA_P

ClientSampleId :

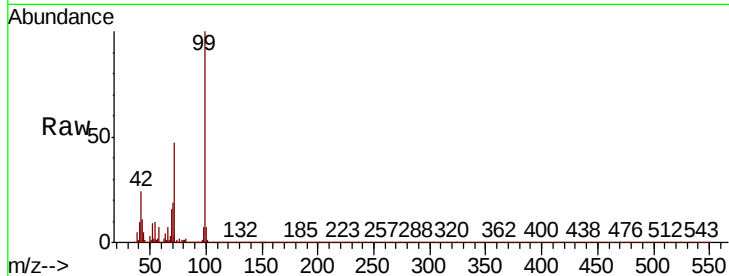
Tot Ion: 99 Resp: 673881

Ion Ratio Lower Upper

99 100

42 24.2 17.6 26.4

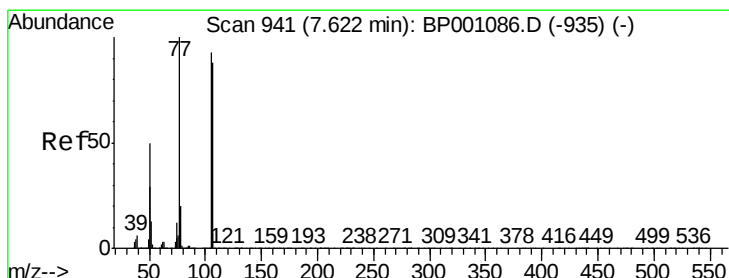
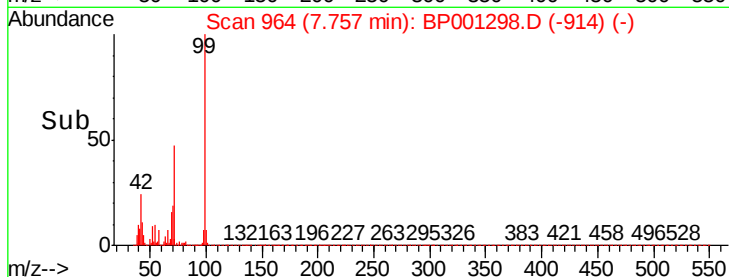
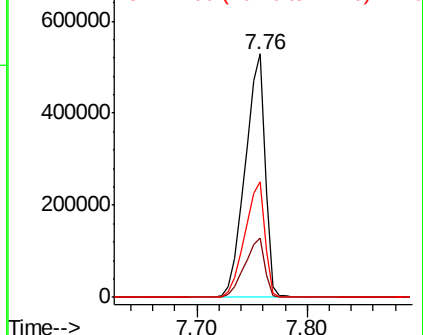
71 47.4 33.8 50.8



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: 7.58 min Scan# 934

Delta R.T. -0.03 min

Lab File: BP001298.D

Acq: 10 Dec 2019 17:24

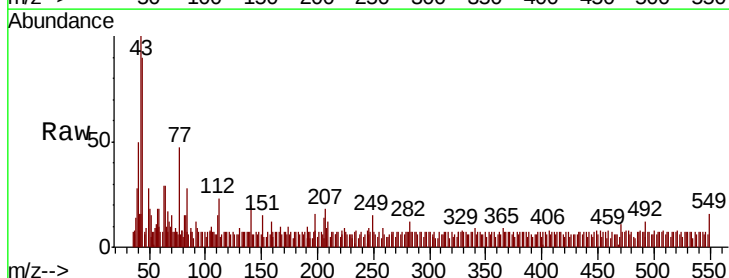
Tgt Ion: 77 Resp: 110

Ion Ratio Lower Upper

77 100

105 21.5 69.7 109.7#

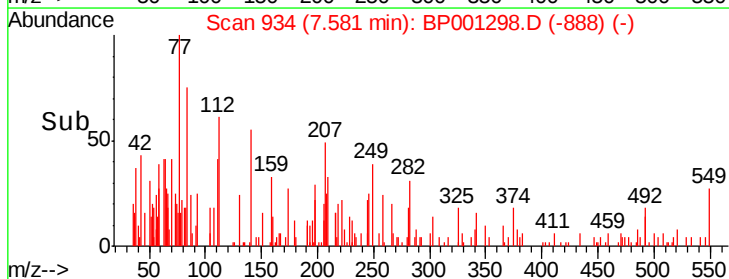
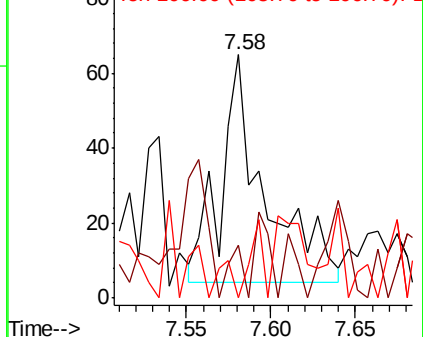
106 0.0 67.1 107.1#

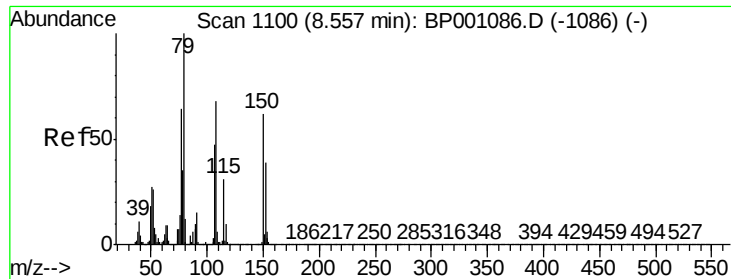


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

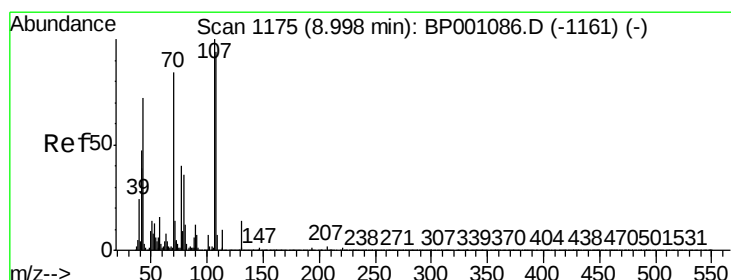
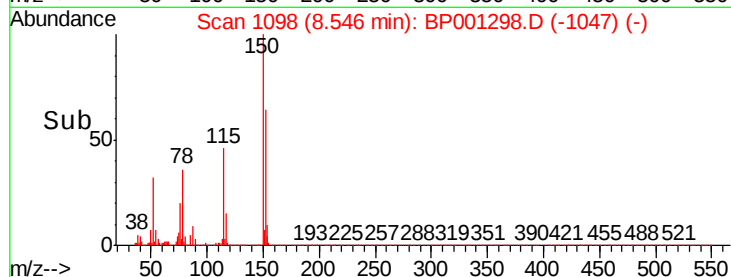
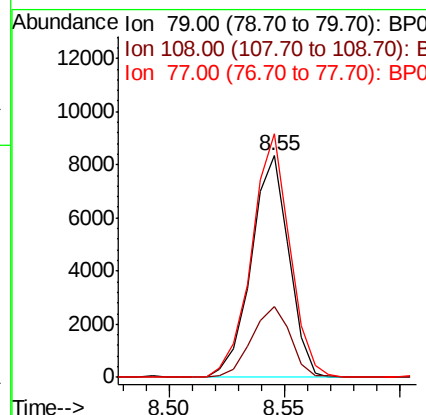
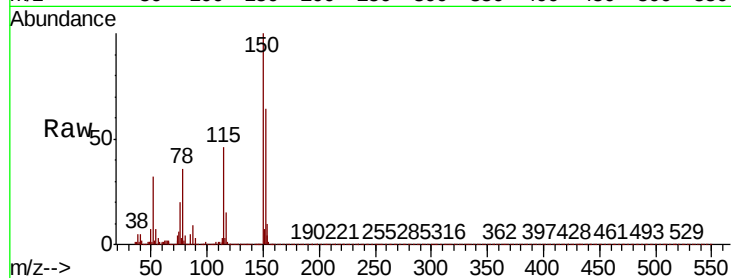




#15
Benzyl Alcohol
Concen: 2.308 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.00 min
Lab File: BP001298.D
Acq: 10 Dec 2019 17:24

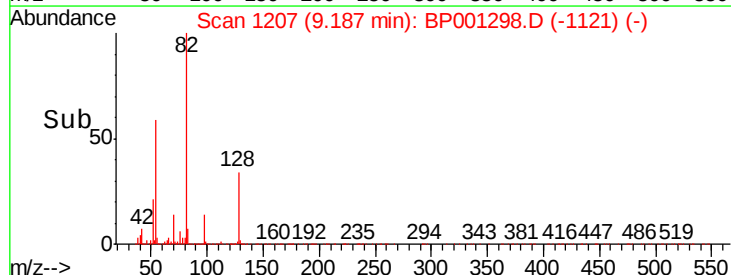
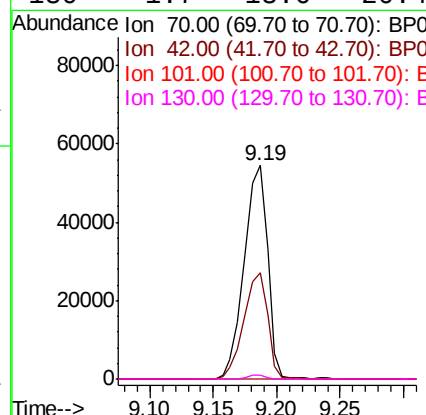
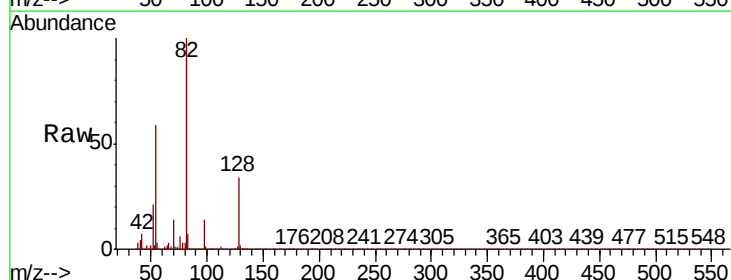
Instrument :
BNA_P
ClientSampleId :

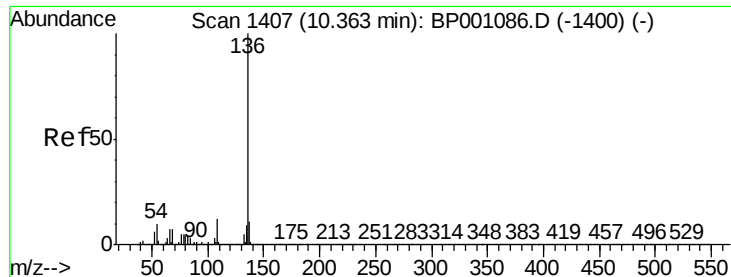
Tot Ion	Ratio	Lower	Upper
79	100		
108	32.2	51.6	77.4#
77	110.0	53.5	80.3#



#19
n-Nitroso-di-n-propylamine
Concen: 19.407 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.21 min
Lab File: BP001298.D
Acq: 10 Dec 2019 17:24

Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.0	50.6	76.0#
101	0.0	7.1	10.7#
130	1.7	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: BP001298.D

Acq: 10 Dec 2019 17:24

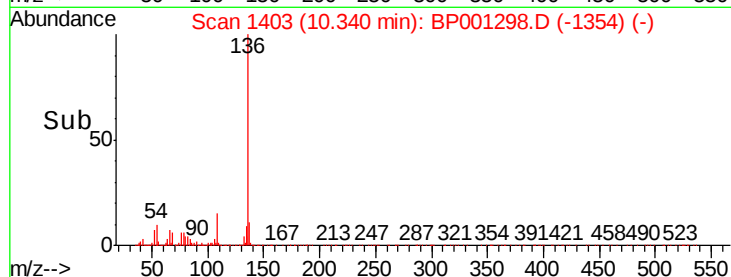
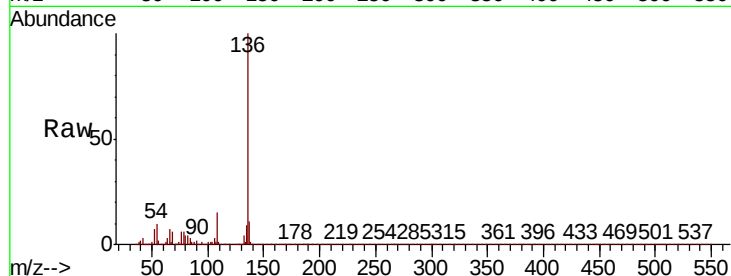
Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 235793

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	10.4	7.4	11.0
68	5.7	4.6	7.0

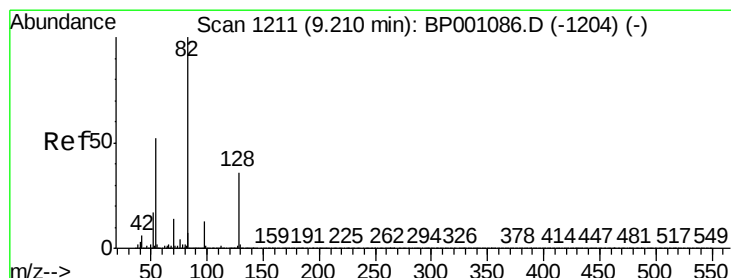
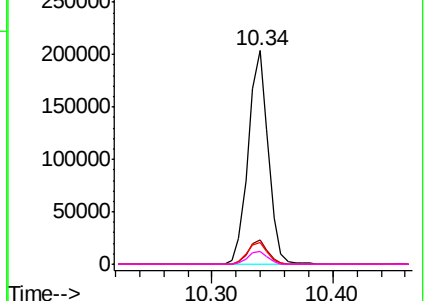


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.167 ng

RT: 9.19 min Scan# 1207

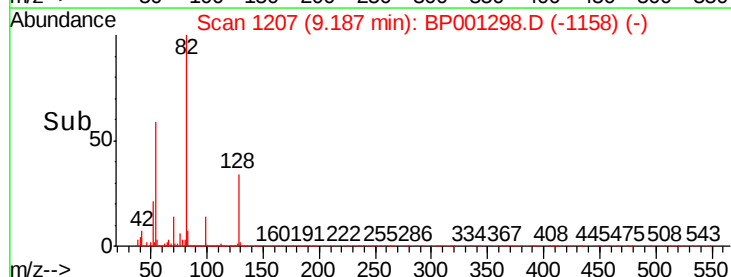
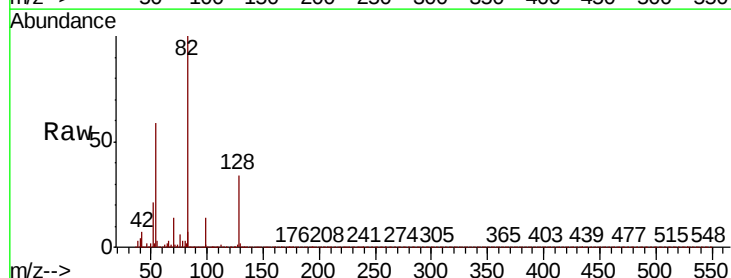
Delta R.T. -0.01 min

Lab File: BP001298.D

Acq: 10 Dec 2019 17:24

Tgt Ion: 82 Resp: 473736

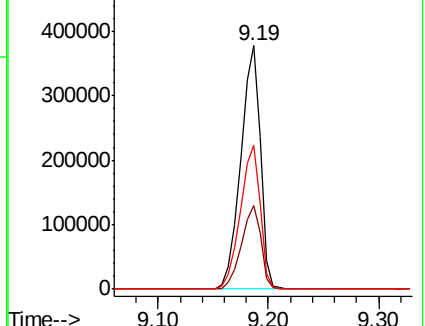
Ion	Ratio	Lower	Upper
82	100		
128	34.5	27.5	41.3
54	59.0	45.7	68.5

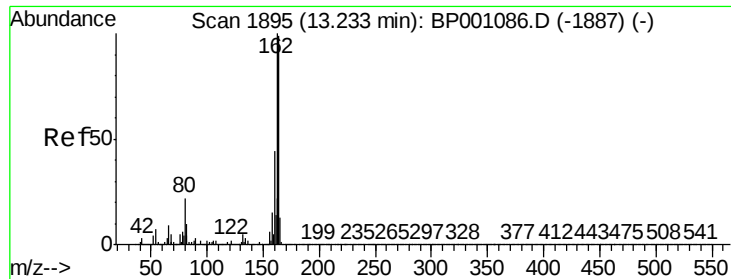


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

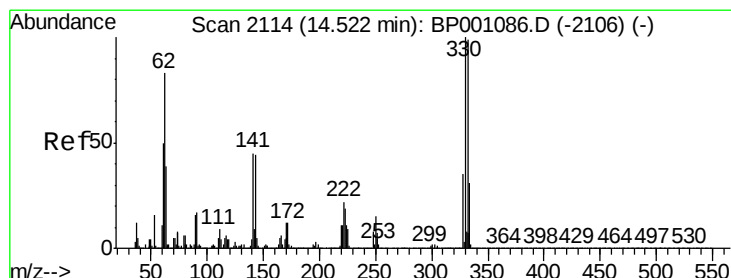
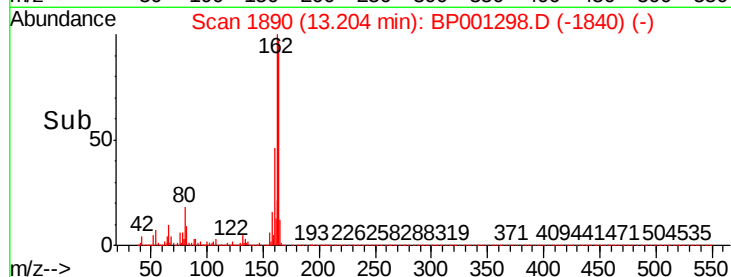
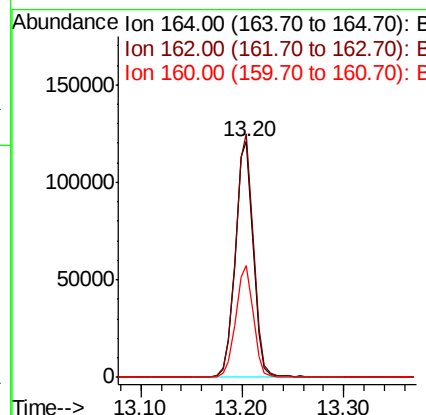
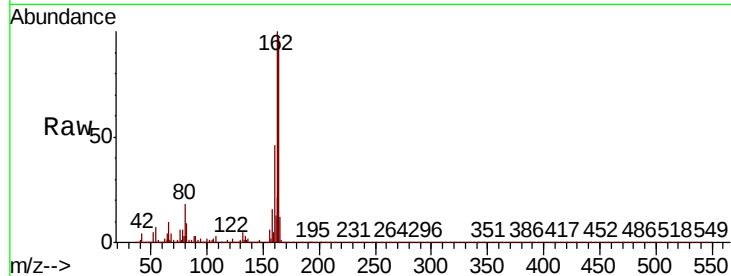




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001298.D
Acq: 10 Dec 2019 17:24

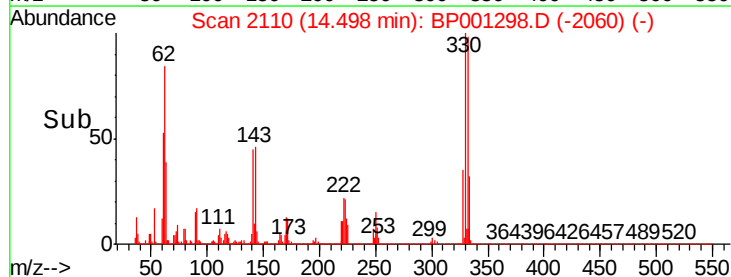
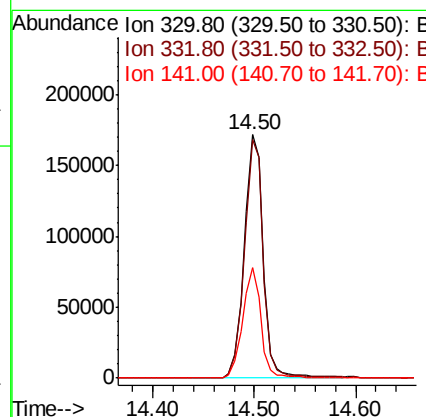
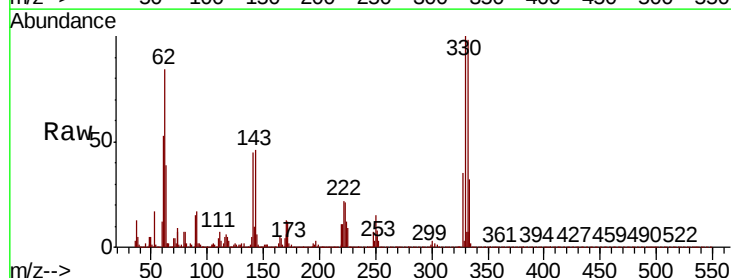
Instrument :
BNA_P
ClientSampleId :

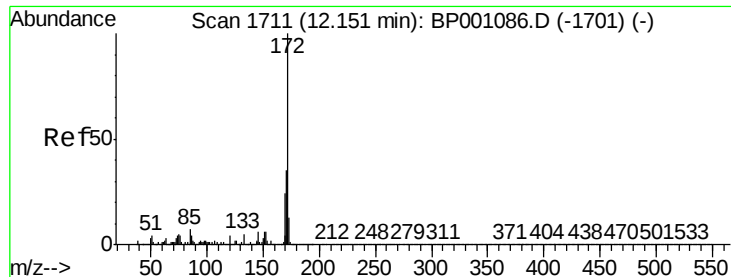
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.7	121.1
160	47.3	36.3	54.5



#42
2,4,6-Tribromophenol
Concen: 155.987 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001298.D
Acq: 10 Dec 2019 17:24

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.1	118.7
141	43.9	35.9	53.9

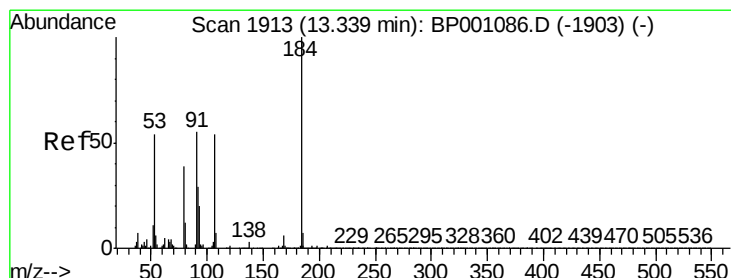
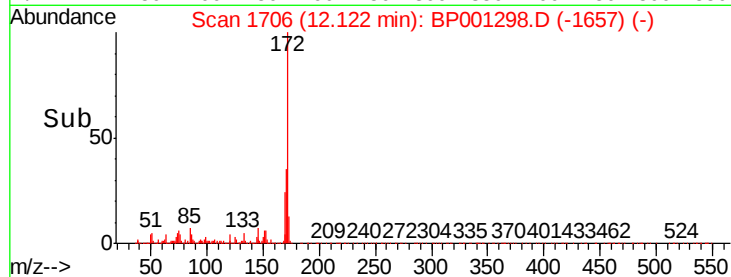
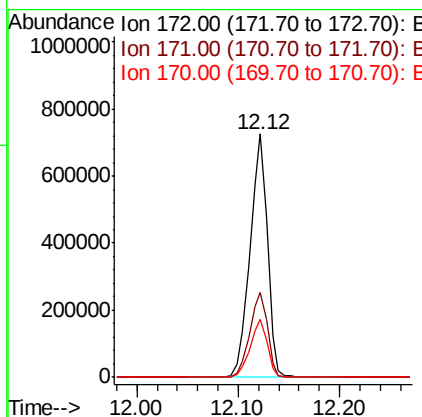
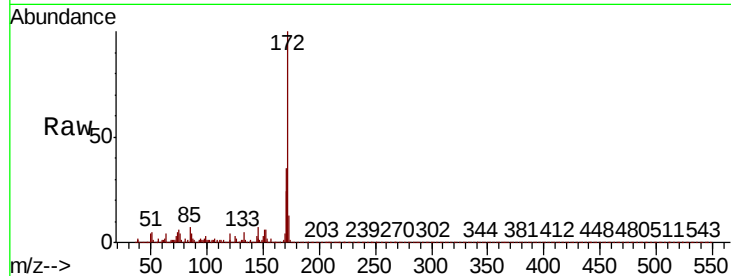




#45
2-Fluorobiphenyl
Concen: 85.431 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001298.D
Acq: 10 Dec 2019 17:24

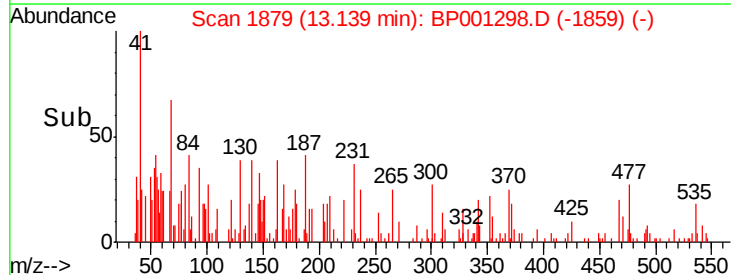
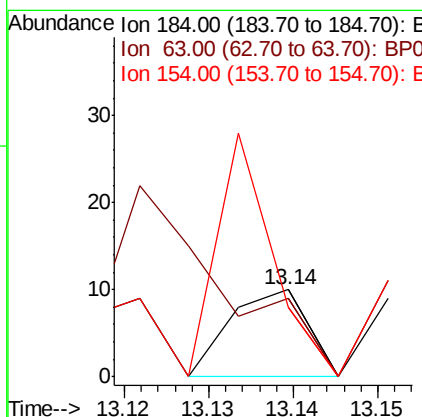
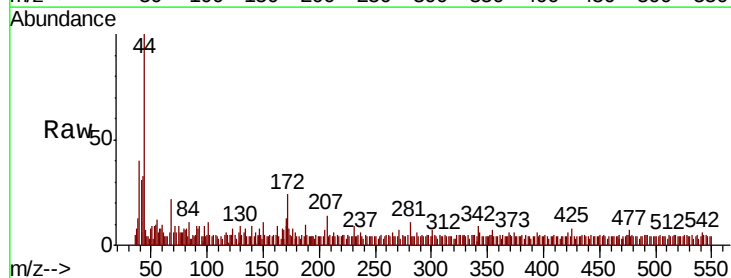
Instrument :
BNA_P
ClientSampleId :

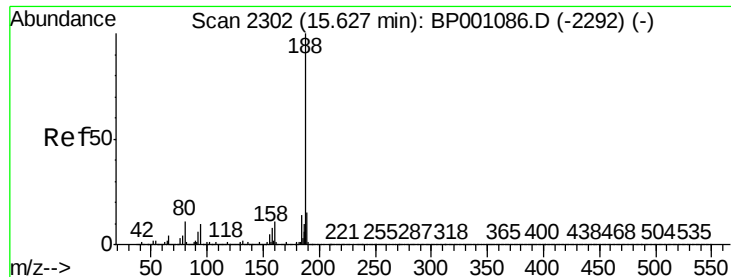
Tot Ion:172 Resp: 866027
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.8 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.115 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.18 min
Lab File: BP001298.D
Acq: 10 Dec 2019 17:24

Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 90.0 69.4 104.0
154 80.0 57.4 86.2

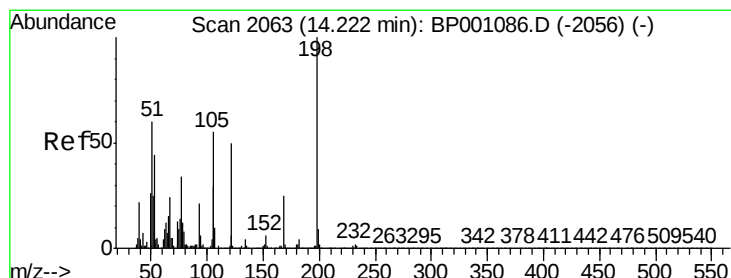
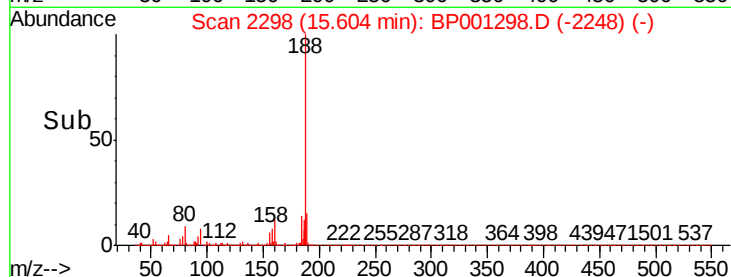
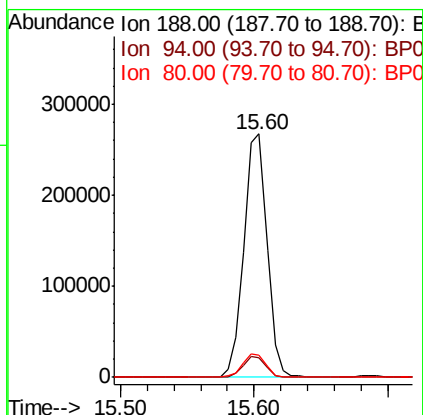
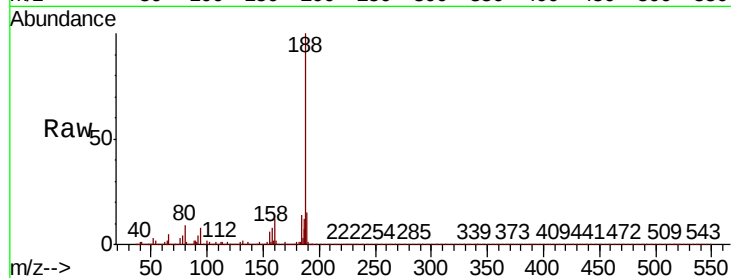




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001298.D
Acq: 10 Dec 2019 17:24

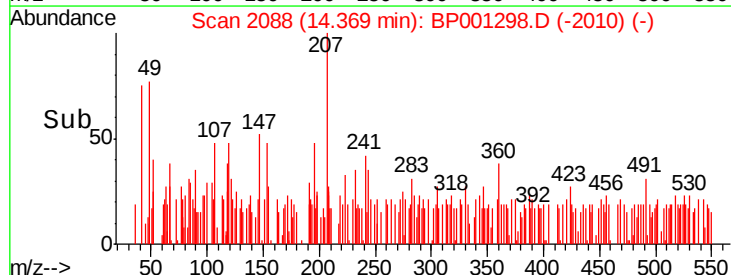
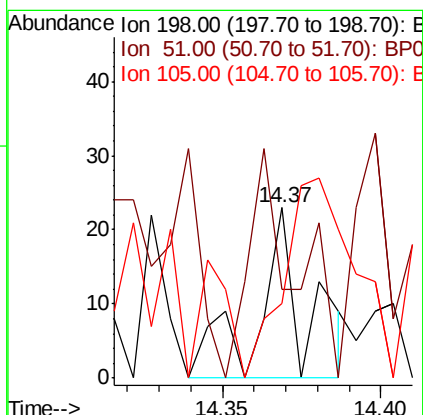
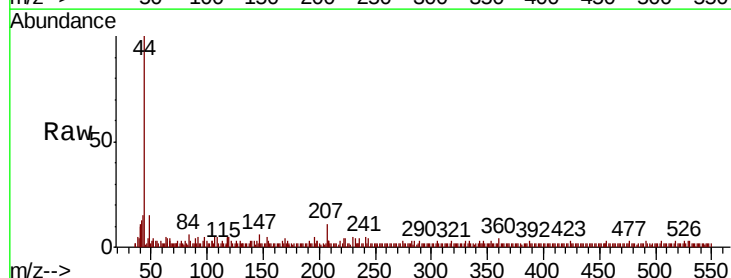
Instrument :
BNA_P
ClientSampleId :

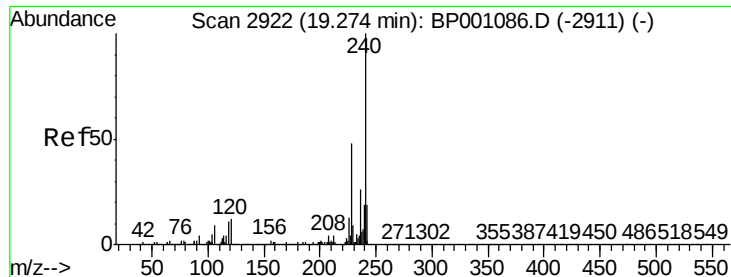
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	8.9	7.8	11.6



#65
4,6-Dinitro-2-methylphenol
Concen: 6.292 ng
RT: 14.37 min Scan# 2088
Delta R.T. 0.16 min
Lab File: BP001298.D
Acq: 10 Dec 2019 17:24

Tgt Ion	Ratio	Lower	Upper
198	100		
51	52.2	36.2	76.2
105	43.5	30.2	70.2

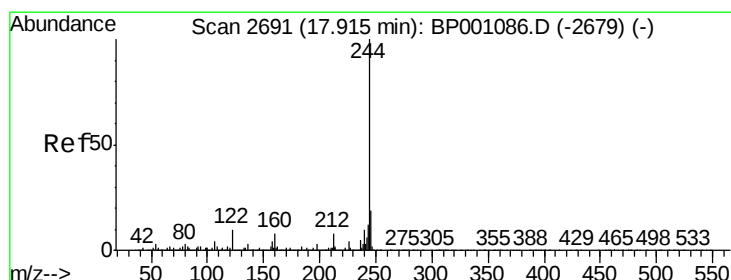
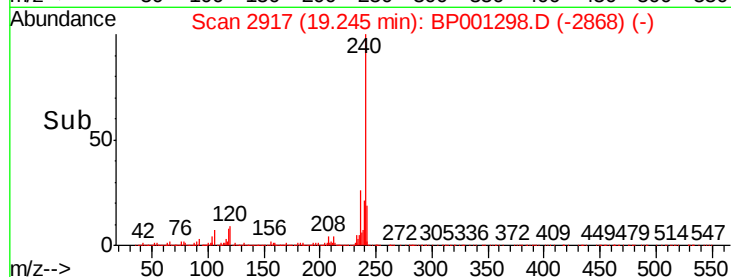
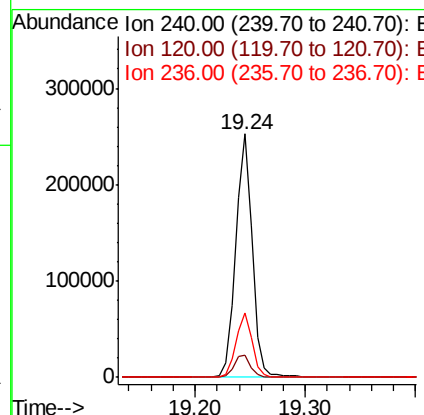
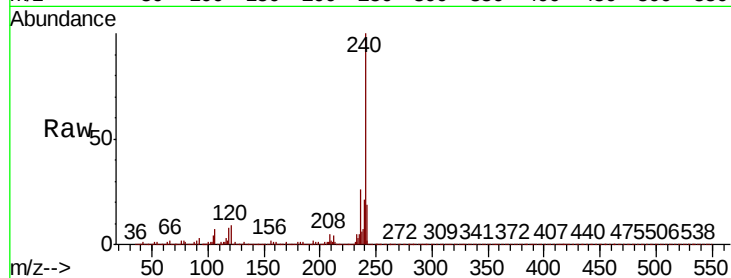




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 19.24 min Scan# 2917
 Delta R.T. -0.01 min
 Lab File: BP001298.D
 Acq: 10 Dec 2019 17:24

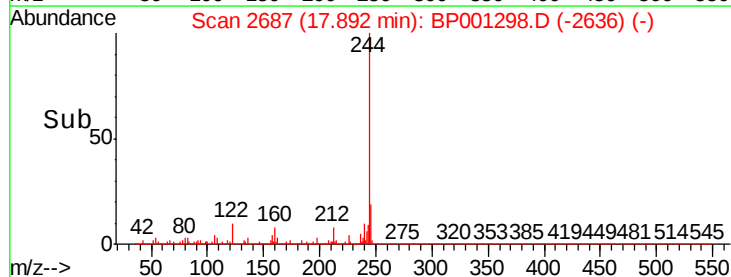
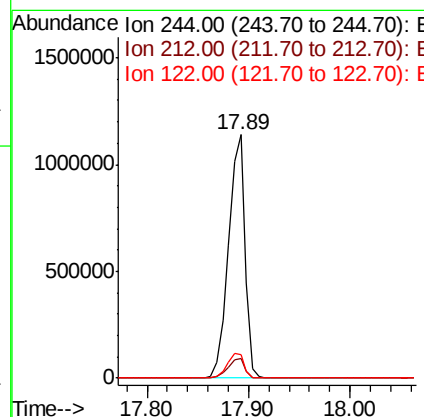
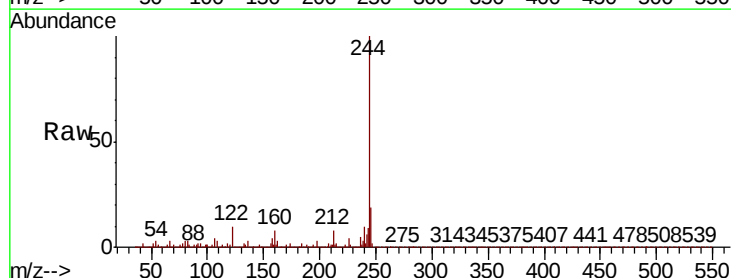
Instrument :
 BNA_P
 ClientSampleId :

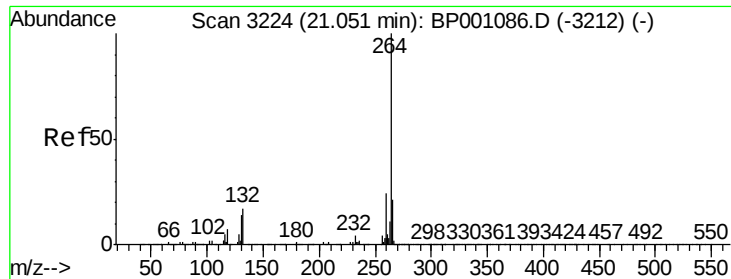
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	7.0	10.6
236	26.5	21.7	32.5



#79
 Terphenyl-d14
 Concen: 89.315 ng
 RT: 17.89 min Scan# 2687
 Delta R.T. -0.00 min
 Lab File: BP001298.D
 Acq: 10 Dec 2019 17:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	9.6	9.2	13.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BP001298.D
Acq: 10 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.0
265	20.6	17.1	25.7

