

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001151.D
 Acq On : 03 Dec 2019 05:29
 Operator : JU
 Sample : K6014-11
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 03 07:44:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

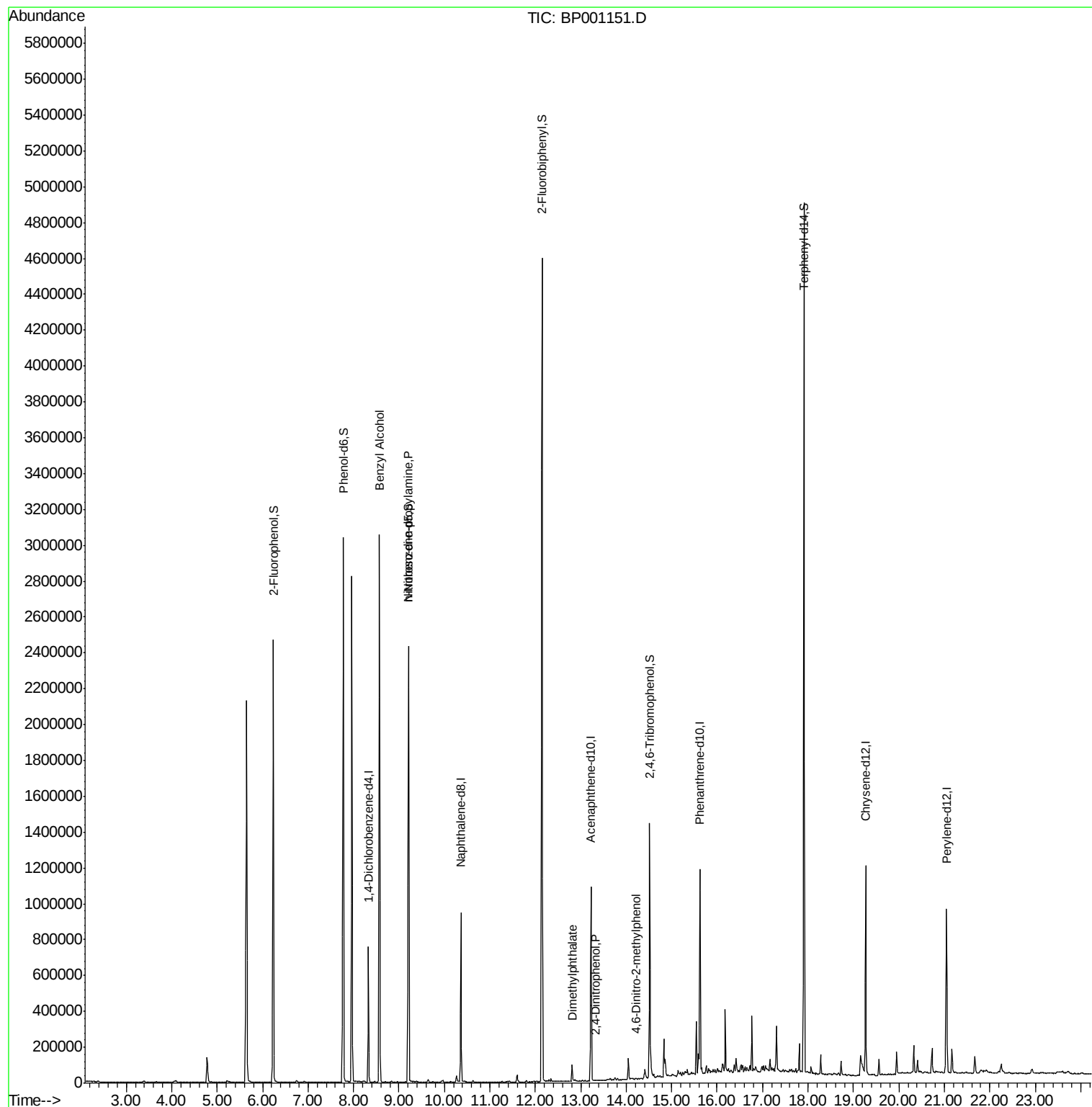
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	128540	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	485675	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	277840	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	525703	20.00	ng	0.00
76) Chrysene-d12	19.27	240	431414	20.00	ng	0.00
87) Perylene-d12	21.05	264	479439	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	809668	104.50	ng	0.00
7) Phenol-d6	7.78	99	1369997	132.73	ng	0.00
23) Nitrobenzene-d5	9.21	82	1084325	96.86	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	190384	71.49	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1804108	95.03	ng	0.00
79) Terphenyl-d14	17.92	244	2110313	90.50	ng	0.00
Target Compounds						
9) Benzaldehyde	7.65	77	104	Below Cal	Qvalue	# 50
15) Benzyl Alcohol	8.57	79	19795	2.336 ng	#	56
19) n-Nitroso-di-n-propylamine	9.21	70	149548	20.079 ng	#	81
50) Dimethylphthalate	12.81	163	41986	2.021 ng	#	99
54) 2,4-Dinitrophenol	13.33	184	10	7.114 ng	#	25
65) 4,6-Dinitro-2-methylphenol	14.23	198	23	6.285 ng	#	1

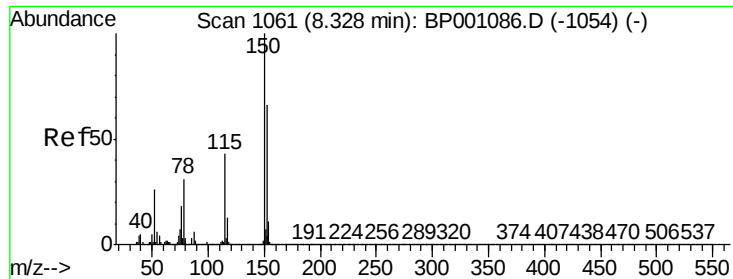
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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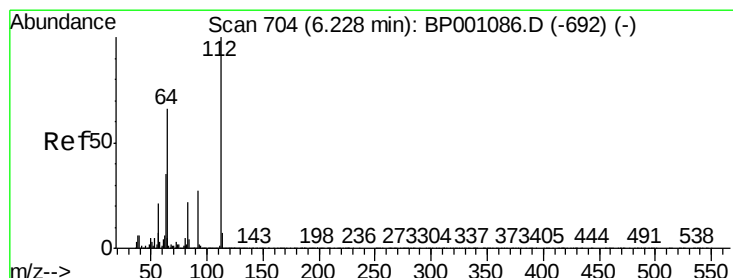
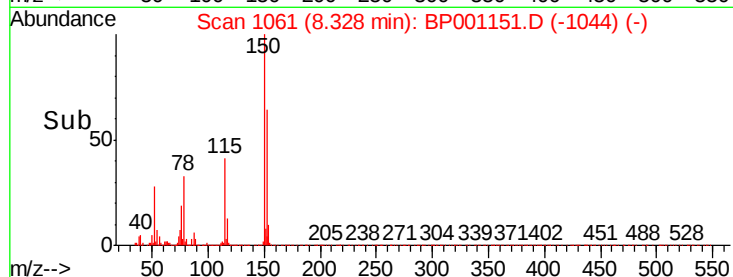
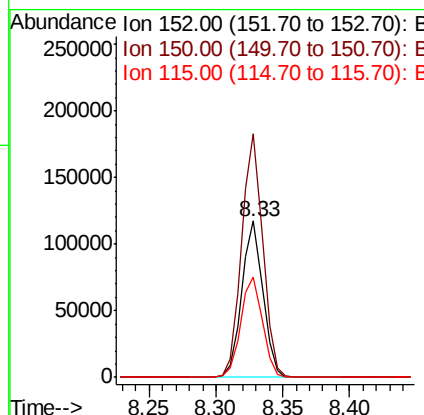
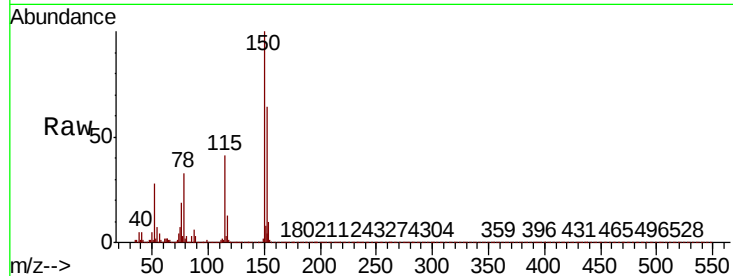




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BP001151.D
 Acq: 03 Dec 2019 05:29

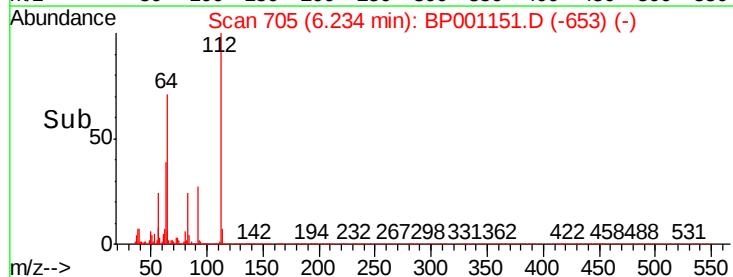
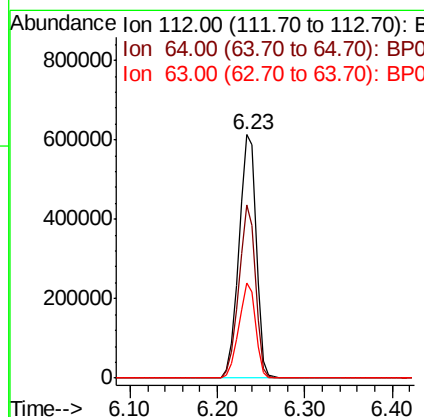
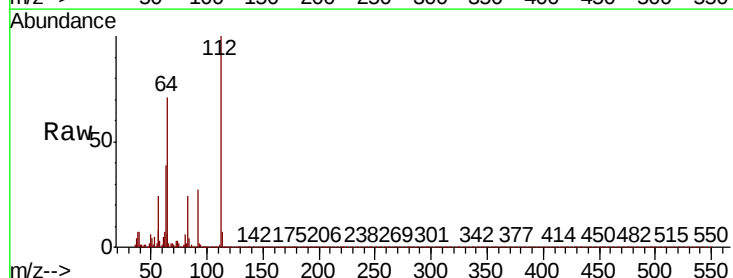
Instrument :
 BNA_P
 ClientSampled :

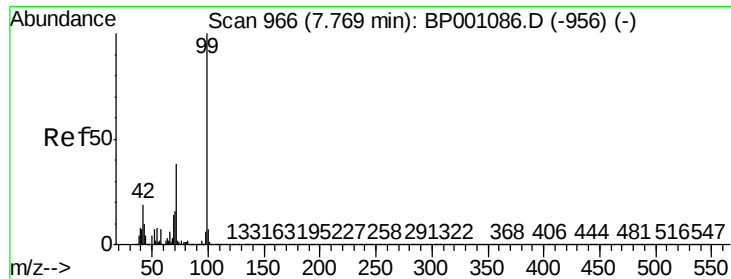
Tot Ion	152	Resp	128540
Ion	Ratio	Lower	Upper
152	100		
150	155.8	120.6	181.0
115	64.3	51.6	77.4



#5
 2-Fluorophenol
 Concen: 104.505 ng
 RT: 6.23 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BP001151.D
 Acq: 03 Dec 2019 05:29

Tgt Ion	112	Resp	809668
Ion	Ratio	Lower	Upper
112	100		
64	71.0	52.8	79.2
63	39.2	28.2	42.2





#7

Phenol-d6

Concen: 132.729 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001151.D

Acq: 03 Dec 2019 05:29

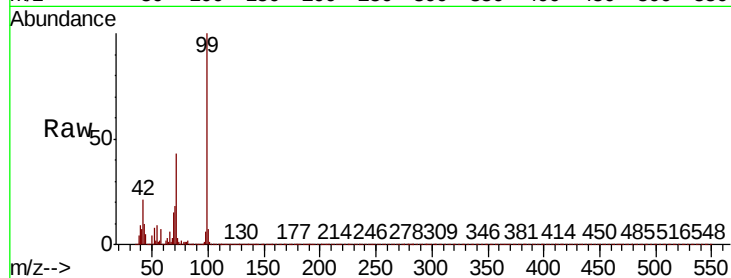
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1369997

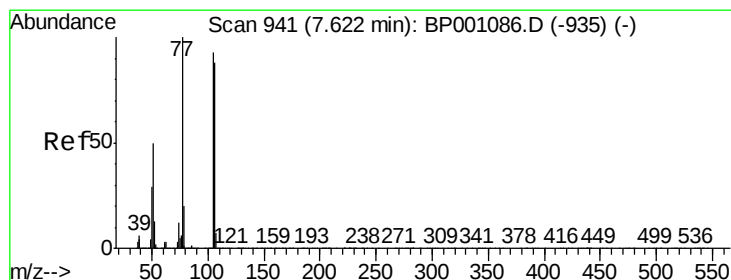
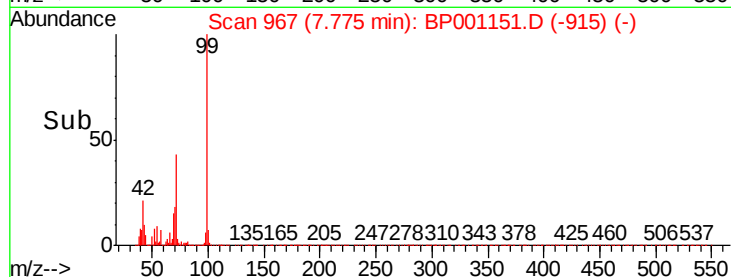
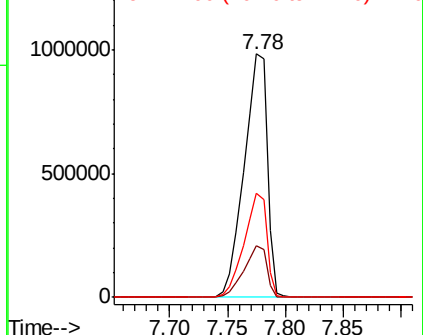
Ion	Ratio	Lower	Upper
99	100		
42	21.3	15.4	23.0
71	42.8	30.8	46.2



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: 7.65 min Scan# 945

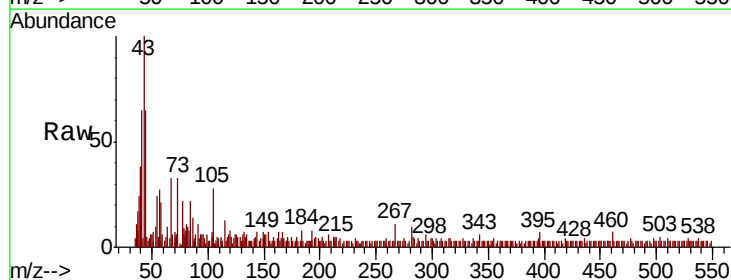
Delta R.T. 0.02 min

Lab File: BP001151.D

Acq: 03 Dec 2019 05:29

Tgt Ion: 77 Resp: 104

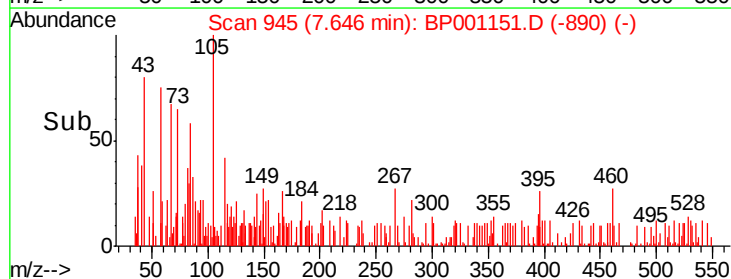
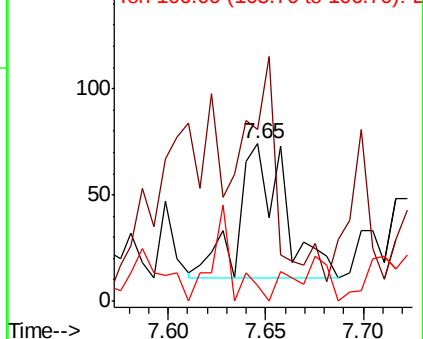
Ion	Ratio	Lower	Upper
77	100		
105	109.5	72.5	112.5
106	9.5	67.6	107.6

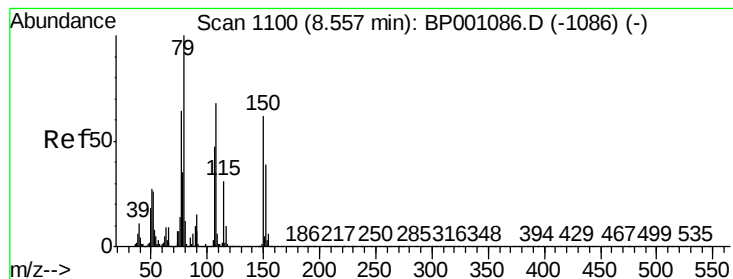


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.336 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.01 min

Lab File: BP001151.D

Acq: 03 Dec 2019 05:29

Instrument :

BNA_P

ClientSampleId :

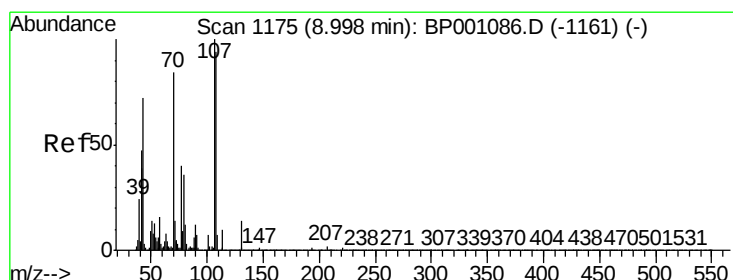
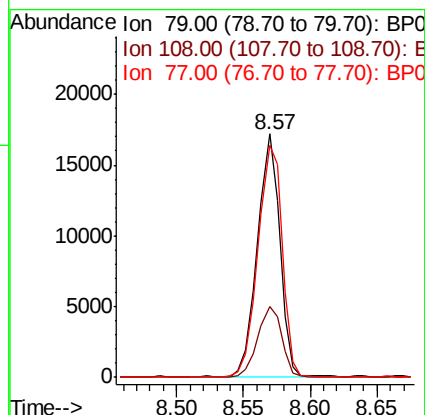
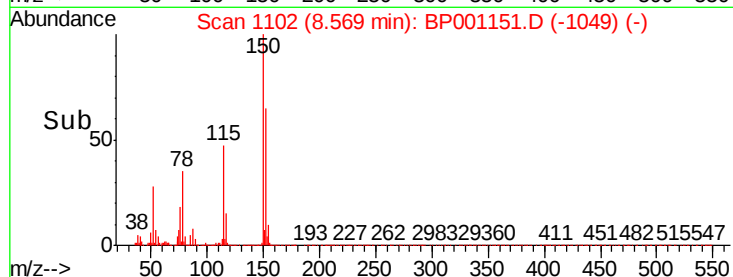
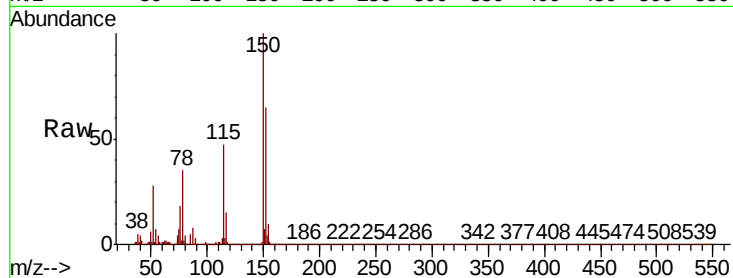
Tot Ion: 79 Resp: 19795

Ion Ratio Lower Upper

79 100

108 29.1 54.8 82.2#

77 95.6 51.4 77.2#



#19

n-Nitroso-di-n-propylamine

Concen: 20.079 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.21 min

Lab File: BP001151.D

Acq: 03 Dec 2019 05:29

Tgt Ion: 70 Resp: 149548

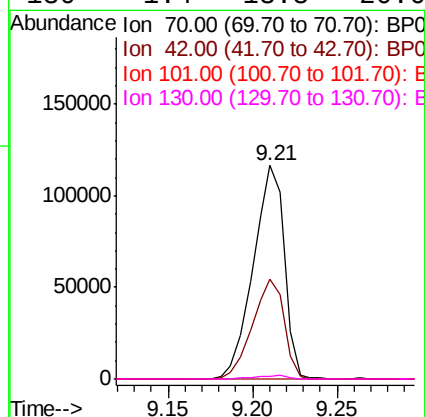
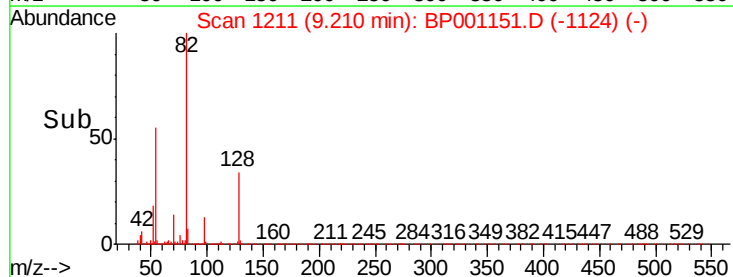
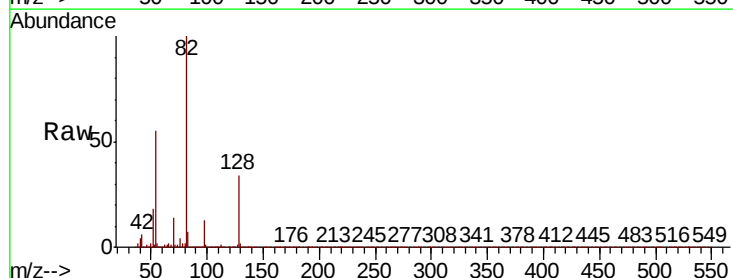
Ion Ratio Lower Upper

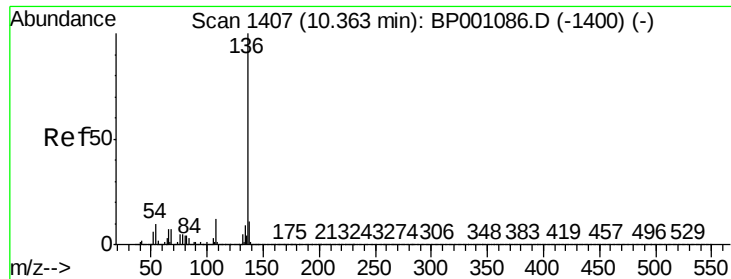
70 100

42 46.7 44.6 66.8

101 0.0 7.1 10.7#

130 1.4 13.8 20.6#

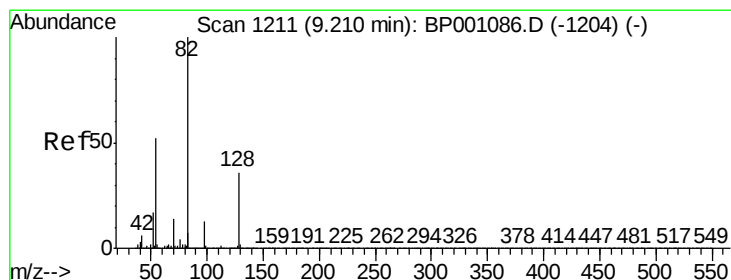
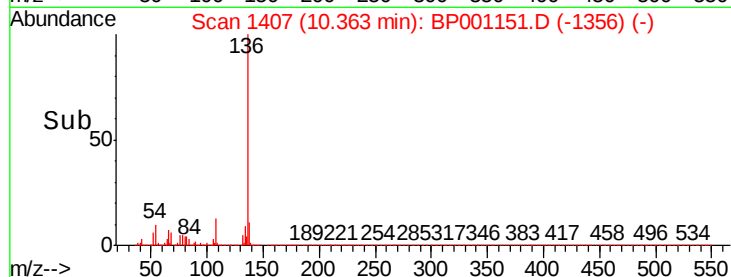
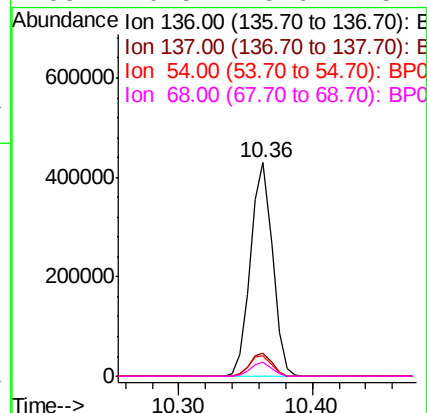
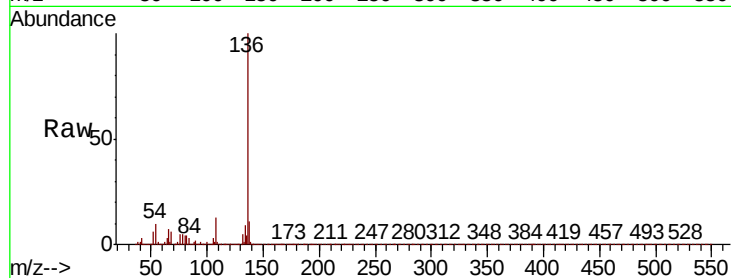




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001151.D
Acq: 03 Dec 2019 05:29

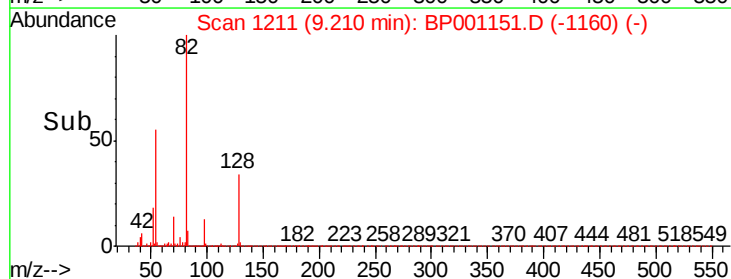
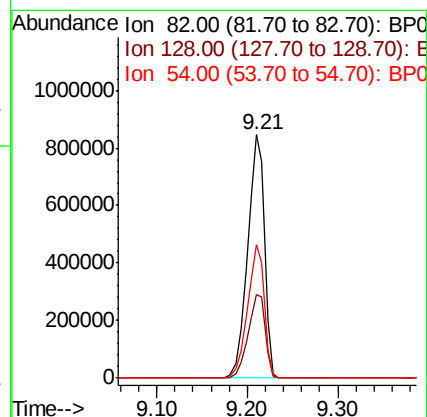
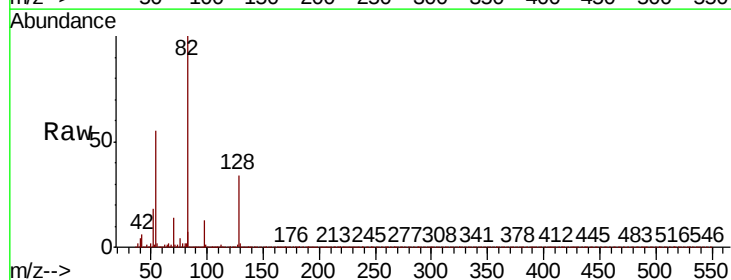
Instrument :
BNA_P
ClientSampleId :

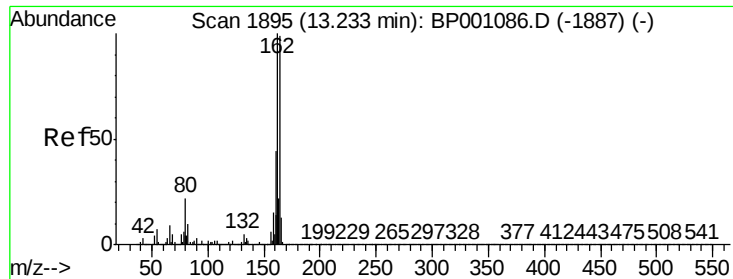
Tot Ion:136	Resp:	485675	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.8	13.2	
54 9.6	7.9	11.9	
68 6.5	5.6	8.4	



#23
Nitrobenzene-d5
Concen: 96.864 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001151.D
Acq: 03 Dec 2019 05:29

Tgt Ion: 82	Resp: 1084325
Ion Ratio	Lower Upper
82 100	
128 34.1	28.9 43.3
54 54.7	41.9 62.9

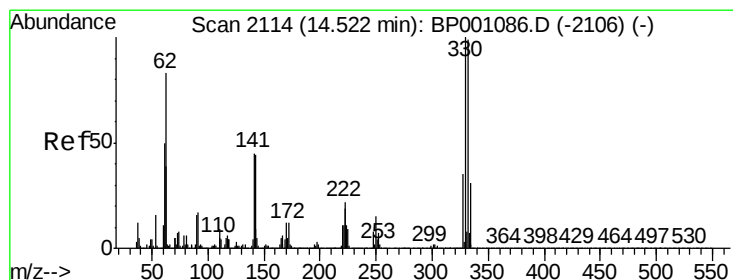
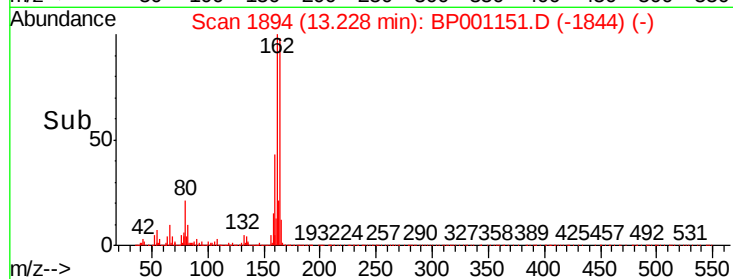
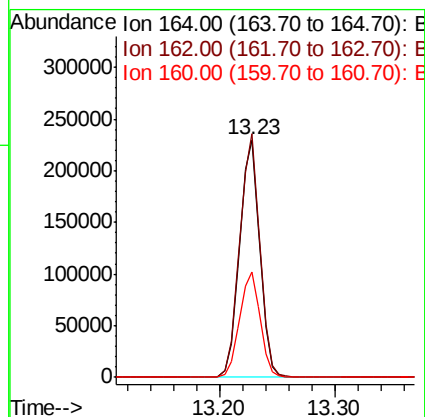
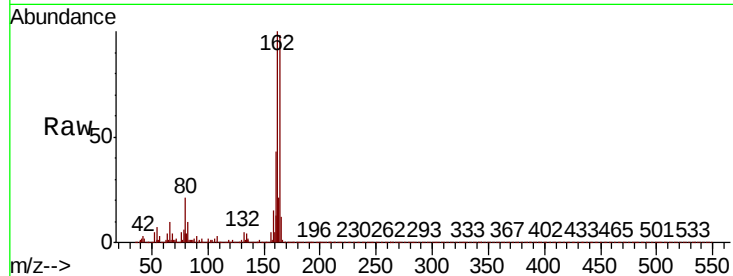




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001151.D
Acq: 03 Dec 2019 05:29

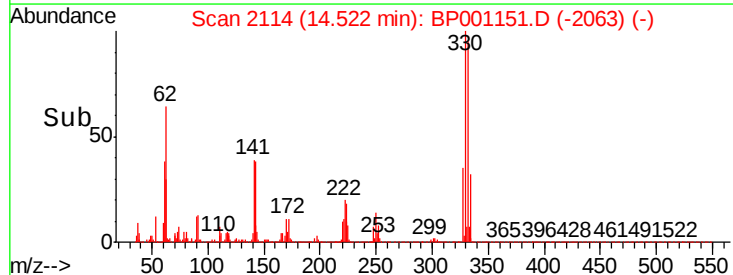
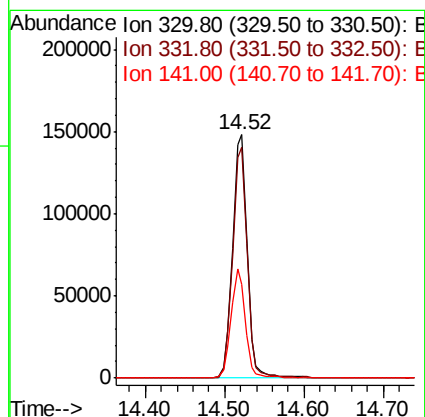
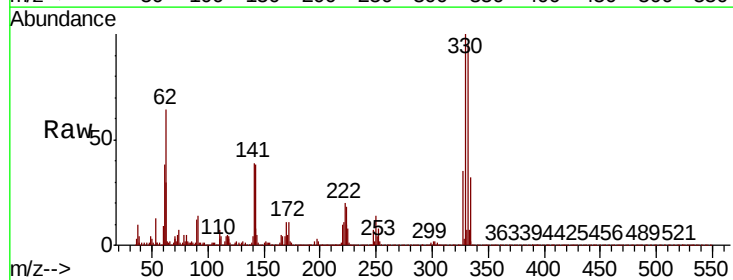
Instrument :
BNA_P
ClientSampleId :

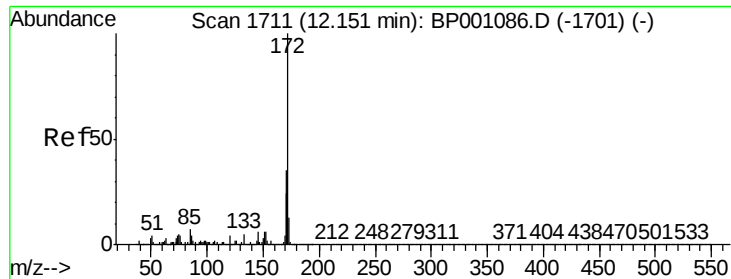
Tot Ion:164 Resp: 277840
Ion Ratio Lower Upper
164 100
162 102.5 80.6 120.8
160 44.5 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 71.490 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001151.D
Acq: 03 Dec 2019 05:29

Tgt Ion:330 Resp: 190384
Ion Ratio Lower Upper
330 100
332 95.4 77.6 116.4
141 43.7 34.2 51.2

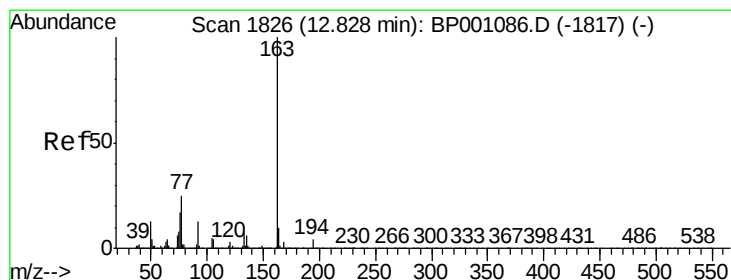
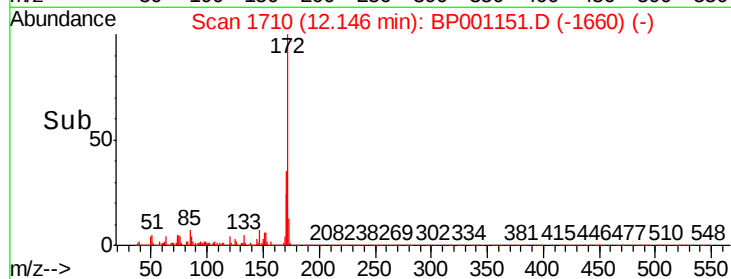
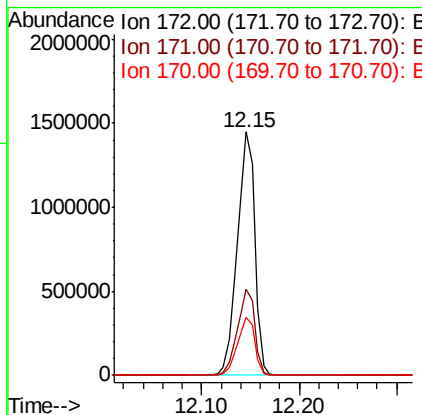
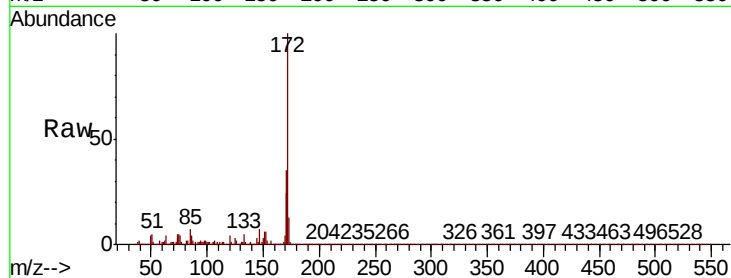




#45
2-Fluorobiphenyl
Concen: 95.035 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001151.D
Acq: 03 Dec 2019 05:29

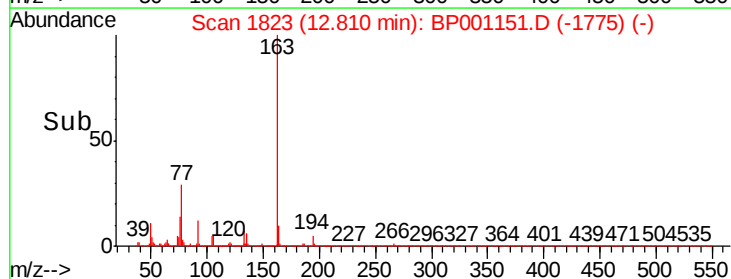
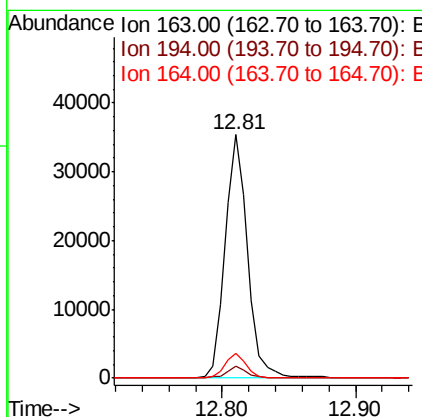
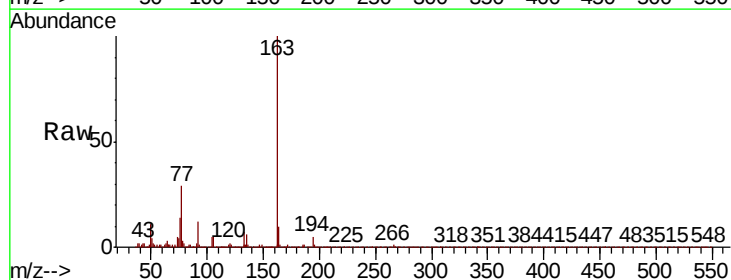
Instrument :
BNA_P
ClientSampleId :

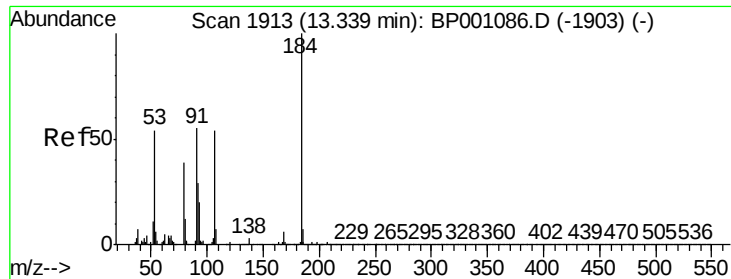
Tot Ion:172 Resp: 1804108
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.9 19.0 28.4



#50
Dimethylphthalate
Concen: 2.021 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001151.D
Acq: 03 Dec 2019 05:29

Tgt Ion:163 Resp: 41986
Ion Ratio Lower Upper
163 100
194 4.8 3.1 4.7#
164 10.3 8.1 12.1

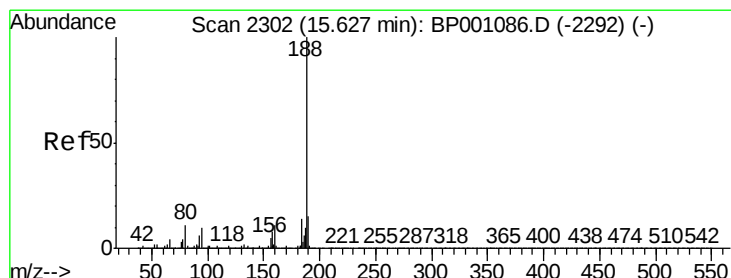
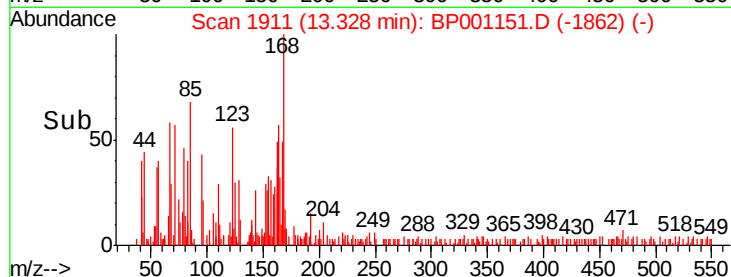
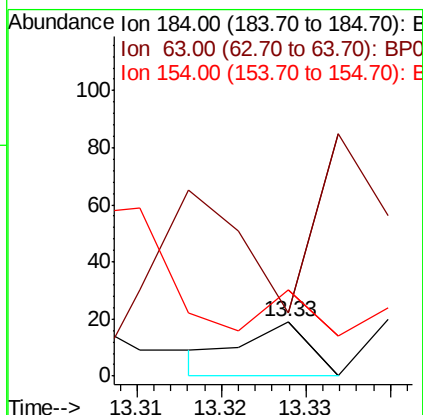
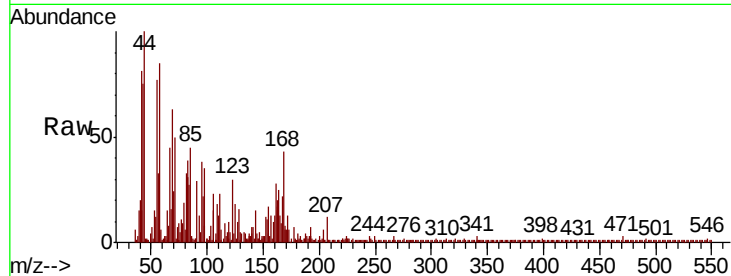




#54
2,4-Dinitrophenol
Concen: 7.114 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001151.D
Acq: 03 Dec 2019 05:29

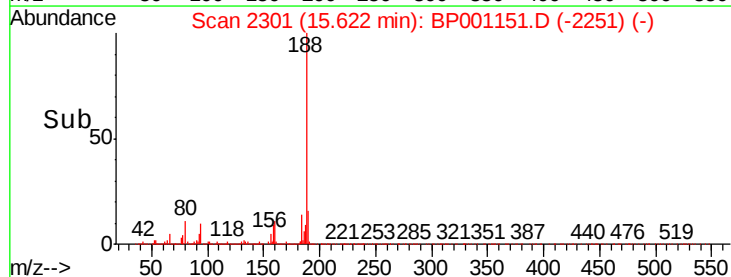
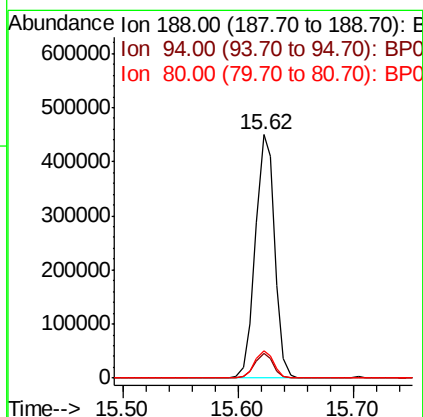
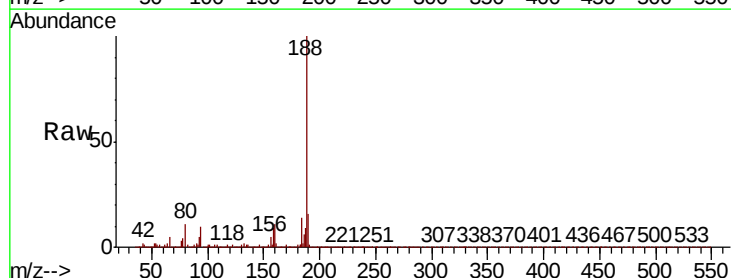
Instrument :
BNA_P
ClientSampled :

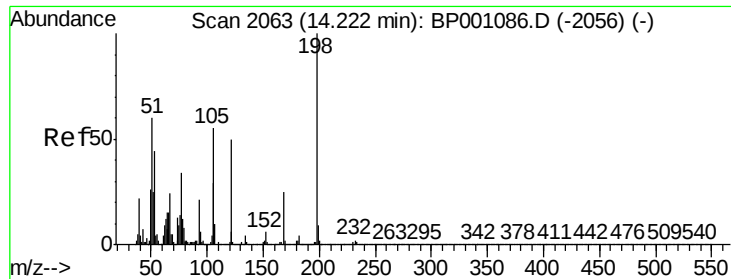
Tot Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 115.8 60.7 91.1#
154 157.9 56.2 84.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001151.D
Acq: 03 Dec 2019 05:29

Tgt Ion:188 Resp: 525703
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.4 8.8 13.2

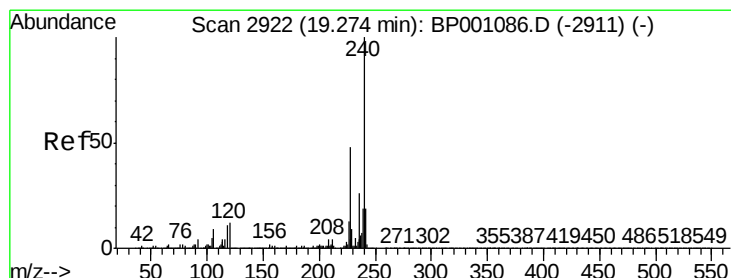
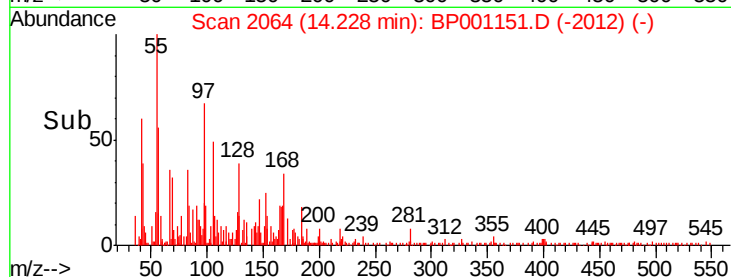
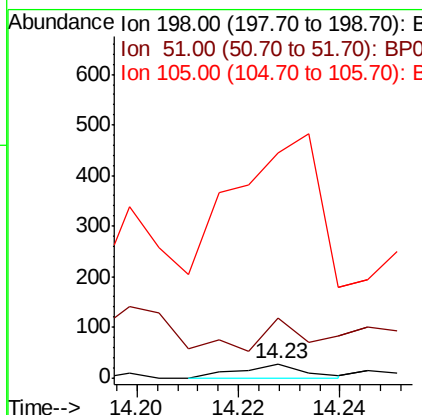
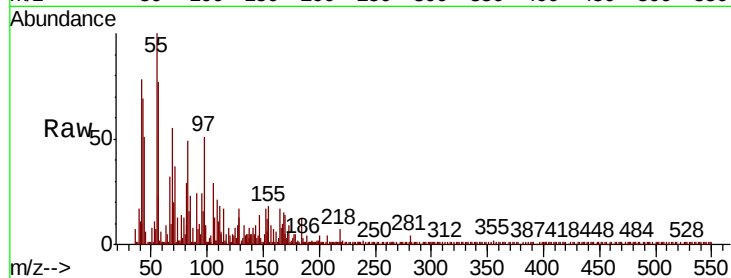




#65
4,6-Dinitro-2-methylphenol
Concen: 6.285 ng
RT: 14.23 min Scan# 2064
Delta R.T. 0.01 min
Lab File: BP001151.D
Acq: 03 Dec 2019 05:29

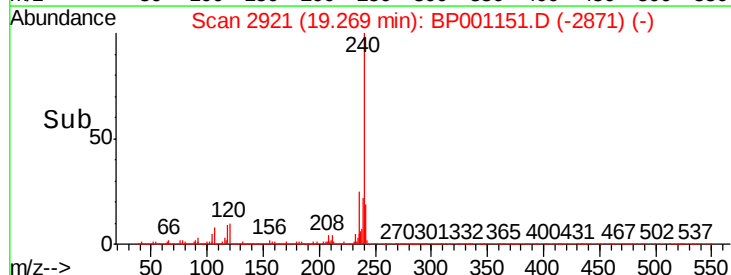
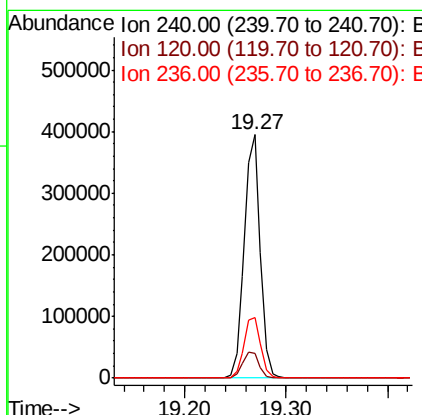
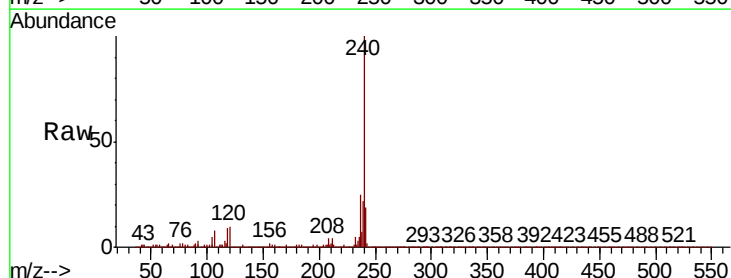
Instrument :
BNA_P
ClientSampleId :

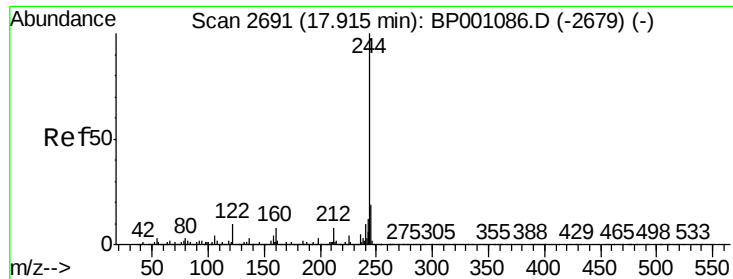
Tot Ion:198 Resp: 23
Ion Ratio Lower Upper
198 100
51 437.0 40.5 80.5#
105 1648.1 35.7 75.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001151.D
Acq: 03 Dec 2019 05:29

Tgt Ion:240 Resp: 431414
Ion Ratio Lower Upper
240 100
120 10.3 9.5 14.3
236 25.0 20.4 30.6



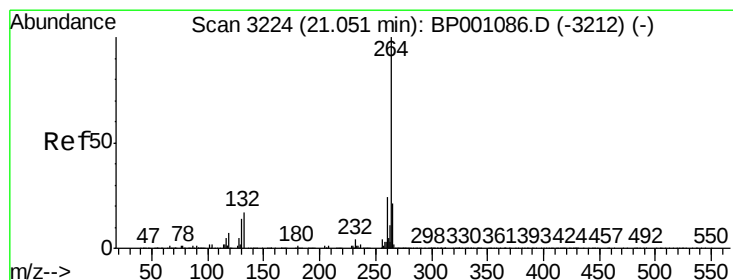
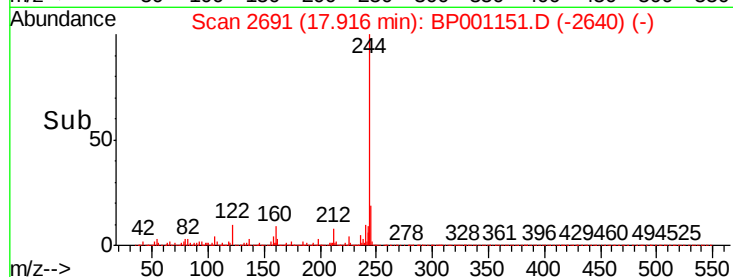
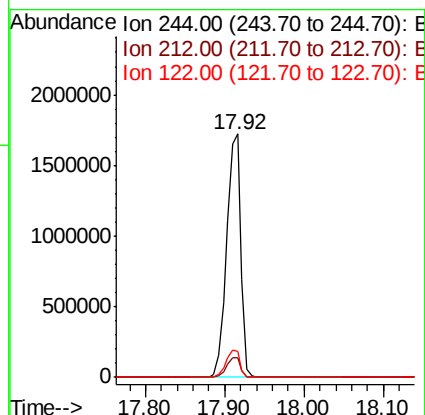
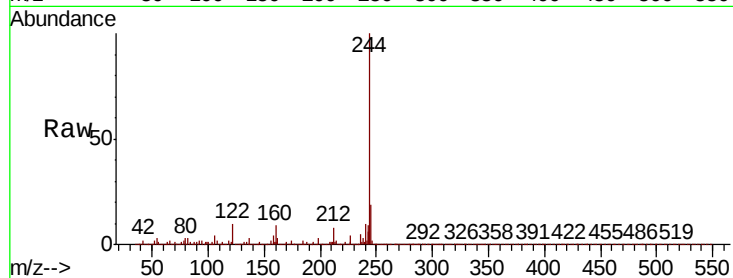


#79
 Terphenyl-d14
 Concen: 90.500 ng
 RT: 17.92 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: BP001151.D
 Acq: 03 Dec 2019 05:29

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 2110313

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	10.5	8.2	12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.05 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BP001151.D
 Acq: 03 Dec 2019 05:29

Tgt Ion:264 Resp: 479439

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	22.0	16.9	25.3

