

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001288.D
 Acq On : 10 Dec 2019 00:13
 Operator : JU
 Sample : K6174-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 10 04:26:09 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	70171	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	249803	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	144701	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	283297	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	239867	20.00	ng	-0.02
87) Perylene-d12	21.02	264	255682	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.22	112	247790	58.59	ng	0.00
7) Phenol-d6	7.75	99	191844	34.05	ng	-0.01
23) Nitrobenzene-d5	9.19	82	631769	109.73	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	249279	179.73	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1047234	105.92	ng	-0.01
79) Terphenyl-d14	17.89	244	1360540	104.94	ng	0.00

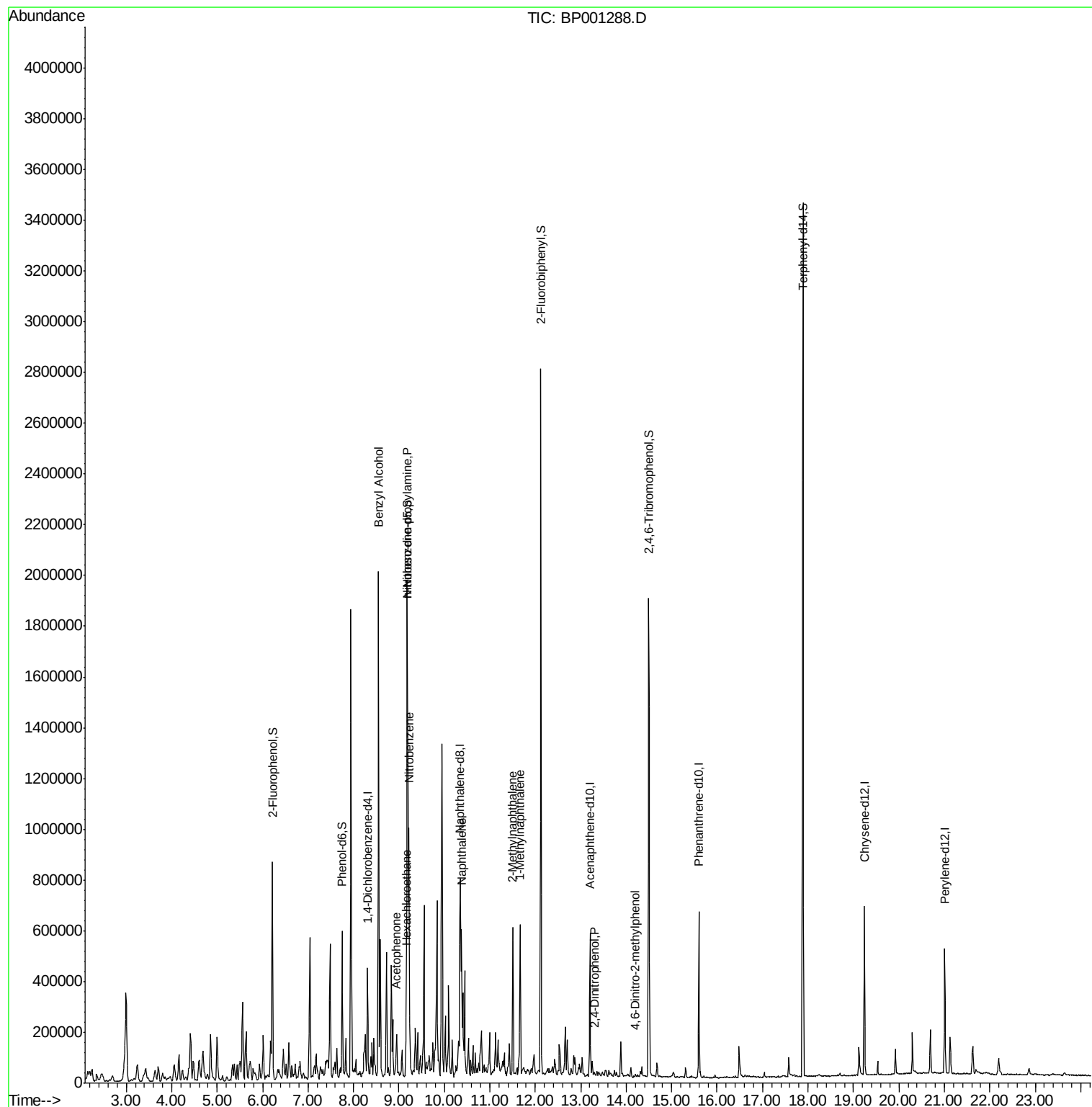
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.60	77	2397	Below Cal		# 58
15) Benzyl Alcohol	8.55	79	17805	3.849	ng	# 54
18) Hexachloroethane	9.16	117	107697	49.827	ng	# 9
19) n-Nitroso-di-n-propylamine	9.19	70	92391	22.723	ng	# 79
22) Acetophenone	8.95	105	66539	9.063	ng	# 59
24) Nitrobenzene	9.22	77	32955	5.756	ng	# 2
31) Naphthalene	10.38	128	291978	22.886	ng	99
37) 2-Methylnaphthalene	11.50	142	170135	19.543	ng	96
38) 1-Methylnaphthalene	11.66	142	164610	20.017	ng	99
54) 2,4-Dinitrophenol	13.29	184	39	7.147	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.20	198	25	6.294	ng	# 1

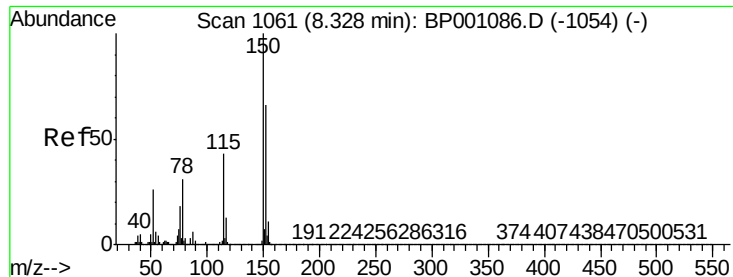
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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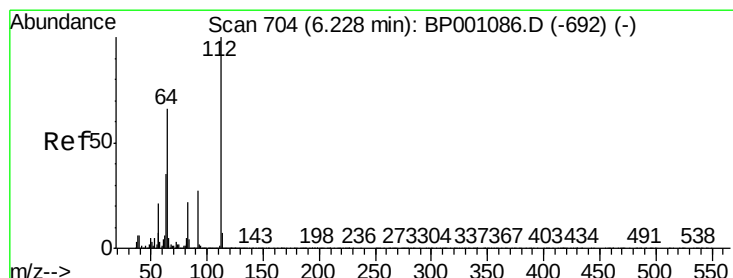
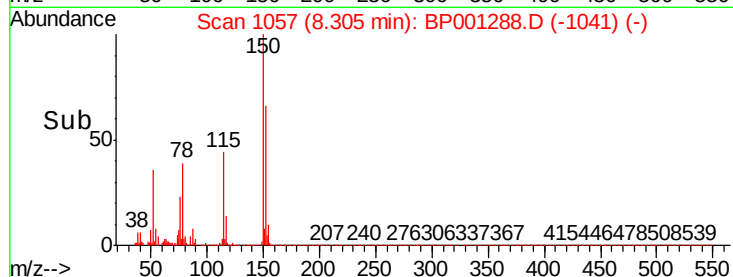
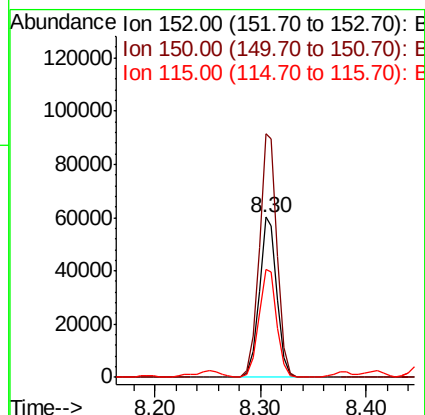
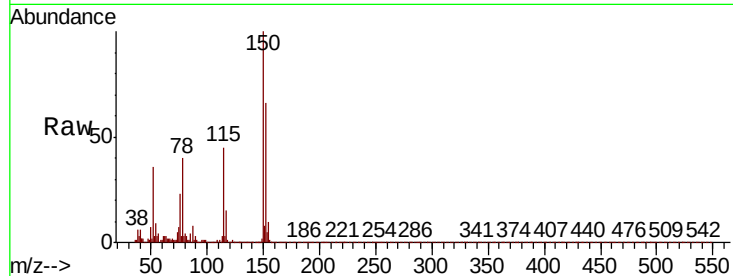




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001288.D
 Acq: 10 Dec 2019 00:13

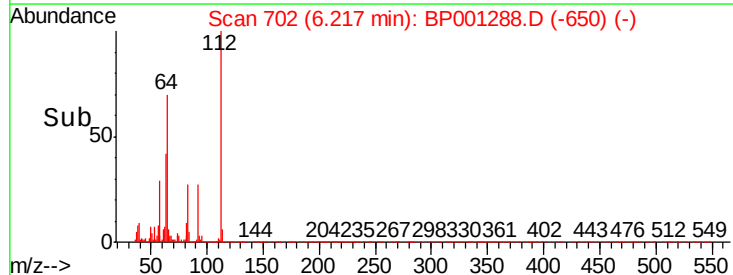
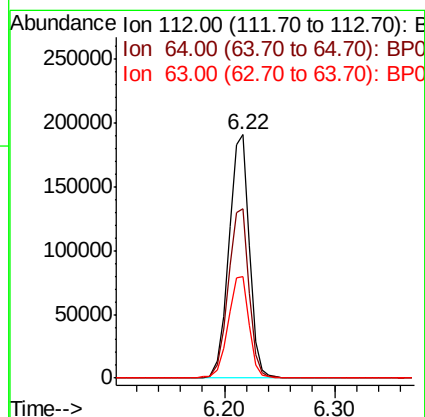
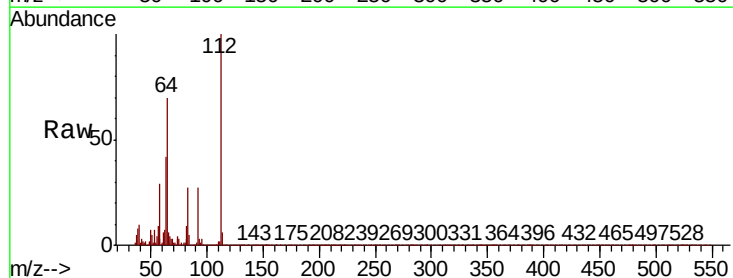
Instrument :
 BNA_P
 ClientSampleId :

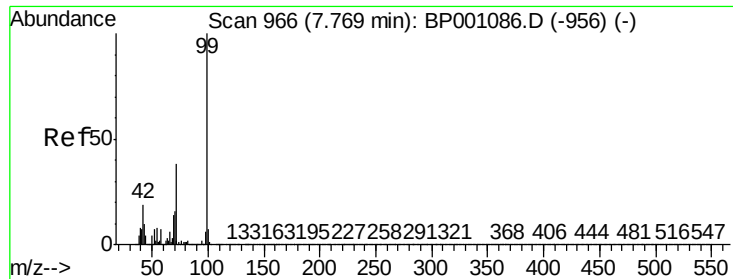
Tot Ion:152 Resp: 70171
 Ion Ratio Lower Upper
 152 100
 150 152.0 127.3 190.9
 115 67.7 56.0 84.0



#5
 2-Fluorophenol
 Concen: 58.586 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BP001288.D
 Acq: 10 Dec 2019 00:13

Tgt Ion:112 Resp: 247790
 Ion Ratio Lower Upper
 112 100
 64 69.5 56.8 85.2
 63 41.8 32.2 48.2





#7

Phenol-d6

Concen: 34.047 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001288.D

Acq: 10 Dec 2019 00:13

Instrument :

BNA_P

ClientSampleId :

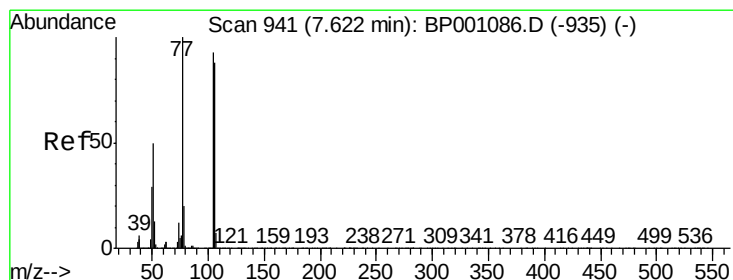
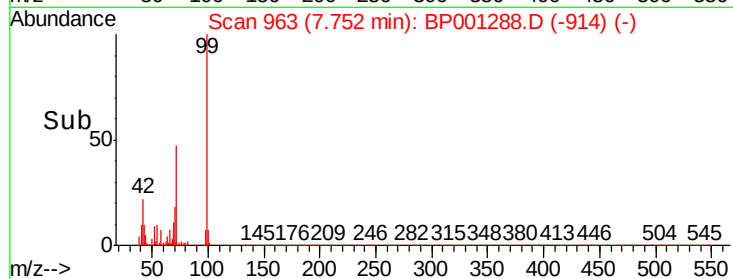
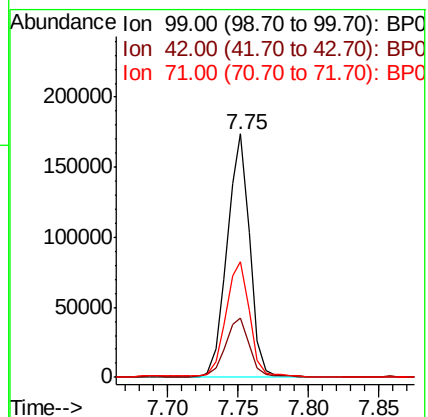
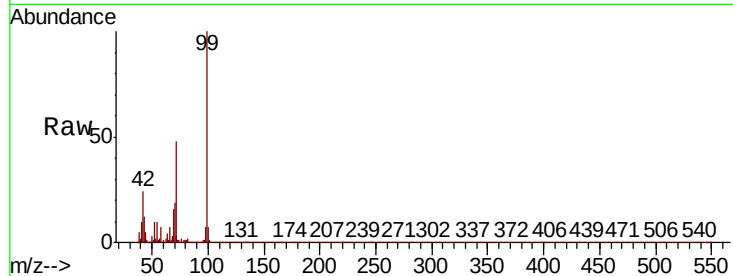
Tot Ion: 99 Resp: 191844

Ion Ratio Lower Upper

99 100

42 24.1 17.6 26.4

71 47.5 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP001288.D

Acq: 10 Dec 2019 00:13

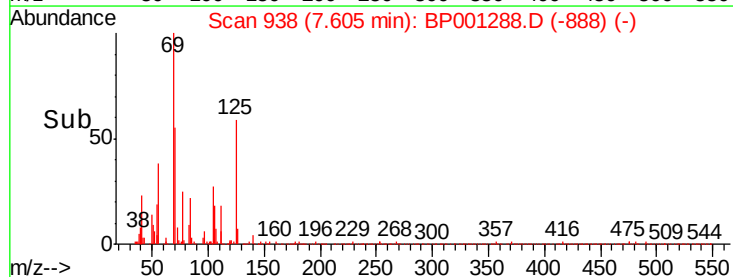
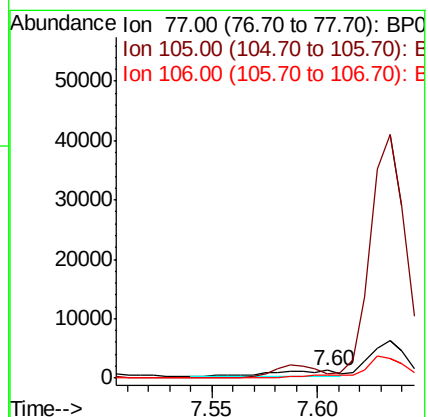
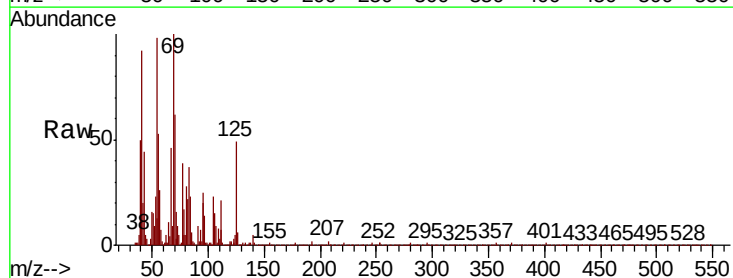
Tgt Ion: 77 Resp: 2397

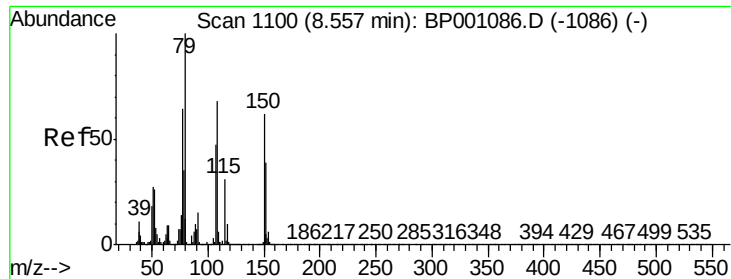
Ion Ratio Lower Upper

77 100

105 58.9 69.7 109.7#

106 38.8 67.1 107.1#





#15

Benzyl Alcohol

Concen: 3.849 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BP001288.D

Acq: 10 Dec 2019 00:13

Instrument :

BNA_P

ClientSampleId :

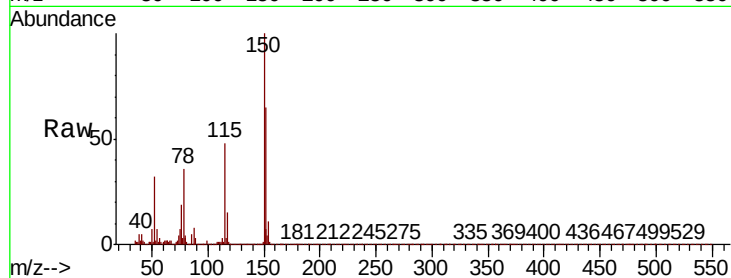
Tot Ion: 79 Resp: 17805

Ion Ratio Lower Upper

79 100

108 30.3 51.6 77.4#

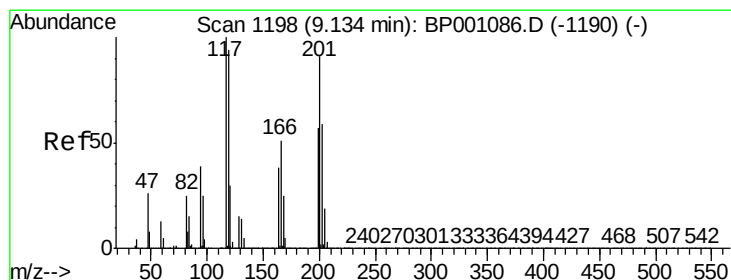
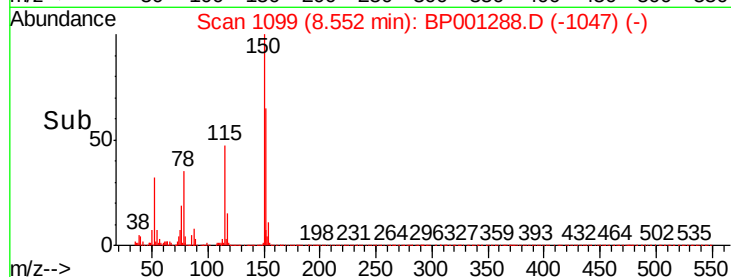
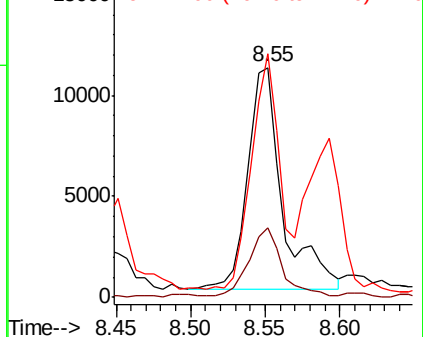
77 105.9 53.5 80.3#



Abundance Ion 79.00 (78.70 to 79.70): BP001086.D (-1086) (-)

Ion 108.00 (107.70 to 108.70): BP001086.D (-1086) (-)

Ion 77.00 (76.70 to 77.70): BP001086.D (-1086) (-)



#18

Hexachloroethane

Concen: 49.827 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.04 min

Lab File: BP001288.D

Acq: 10 Dec 2019 00:13

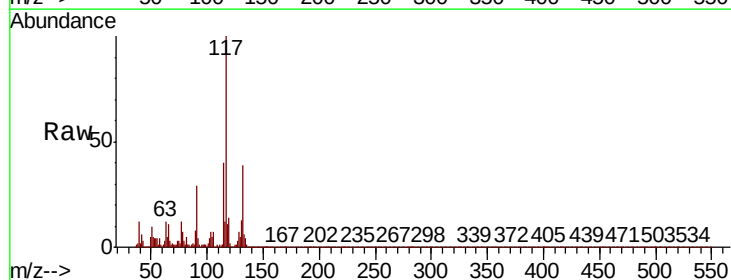
Tgt Ion: 117 Resp: 107697

Ion Ratio Lower Upper

117 100

119 14.0 78.7 118.1#

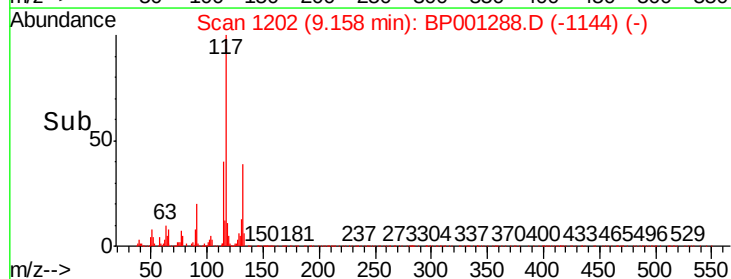
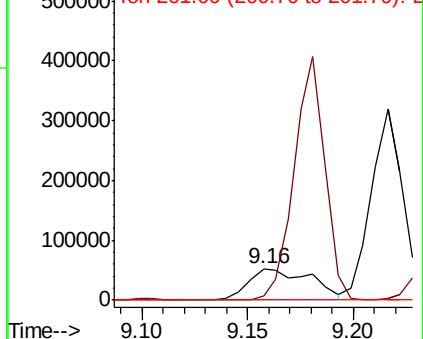
201 0.0 75.5 113.3#

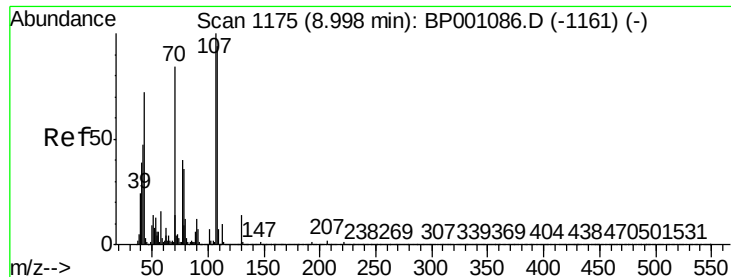


Abundance Ion 117.00 (116.70 to 117.70): BP001086.D (-1190) (-)

Ion 119.00 (118.70 to 119.70): BP001086.D (-1190) (-)

Ion 201.00 (200.70 to 201.70): BP001086.D (-1190) (-)

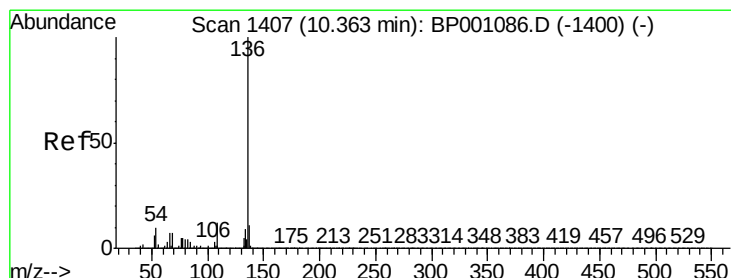
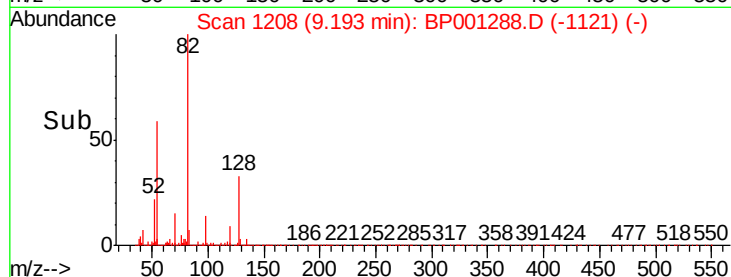
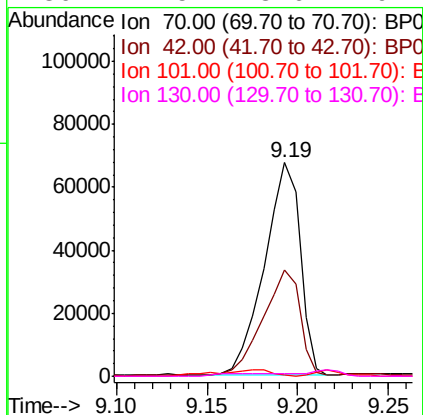
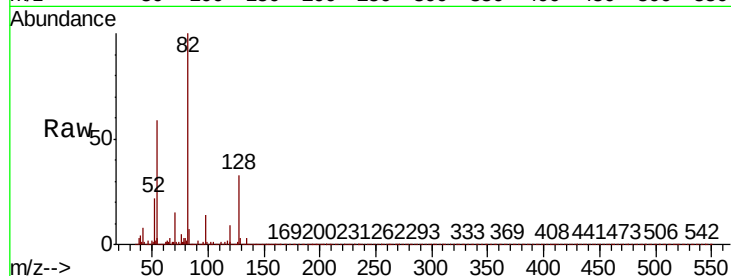




#19
n-Nitroso-di-n-propylamine
Concen: 22.723 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.21 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

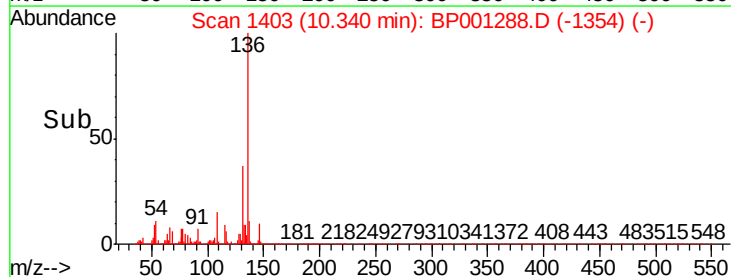
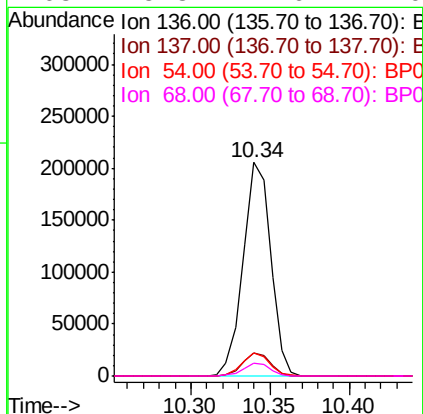
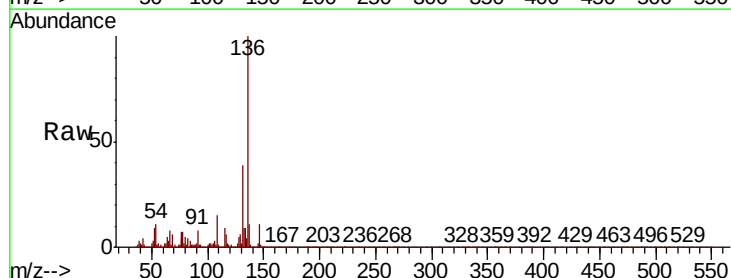
Instrument :
BNA_P
ClientSampleId :

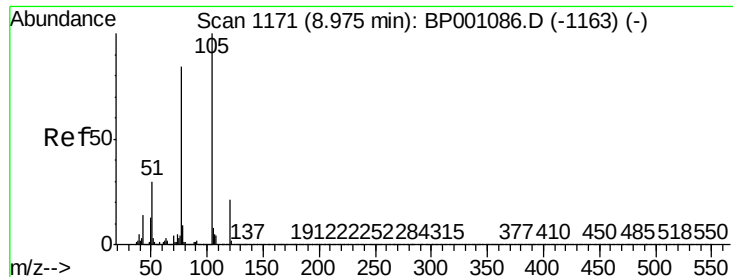
Tot Ion:	70	Resp:	92391
Ion	Ratio	Lower	Upper
70	100		
42	49.9	50.6	76.0#
101	0.4	7.1	10.7#
130	1.5	13.6	20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

Tgt Ion:	136	Resp:	249803
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.6	7.4	11.0
68	5.8	4.6	7.0





#22

Acetophenone

Concen: 9.063 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.02 min

Lab File: BP001288.D

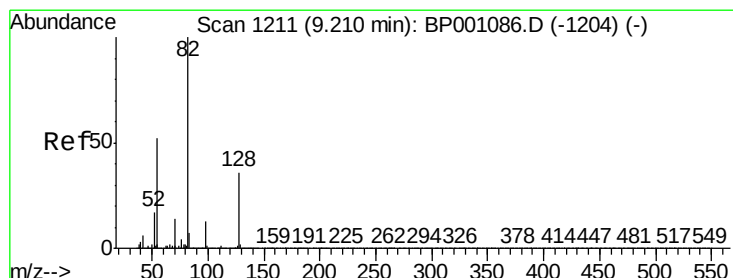
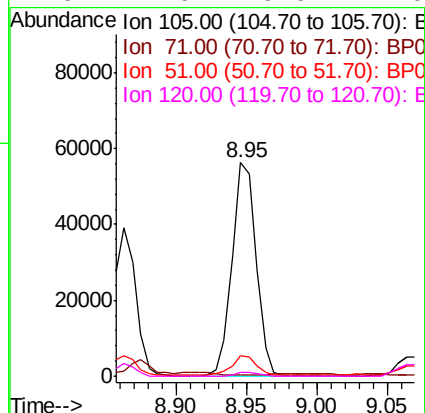
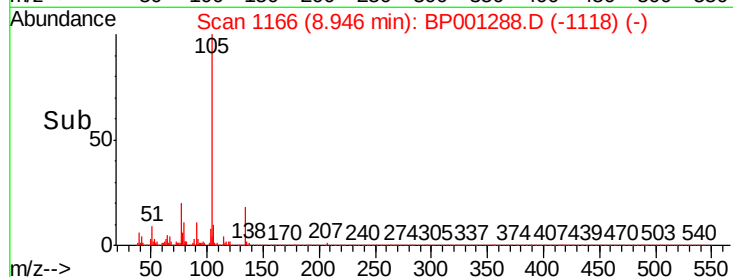
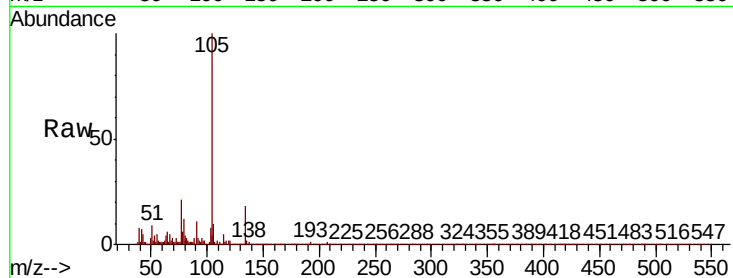
Acq: 10 Dec 2019 00:13

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	105	Resp:	66539
Ion Ratio	Lower	Upper	
105	100		
71	0.7	0.7	1.1#
51	9.5	26.9	40.3#
120	1.6	16.0	24.0#



#23

Nitrobenzene-d5

Concen: 109.726 ng

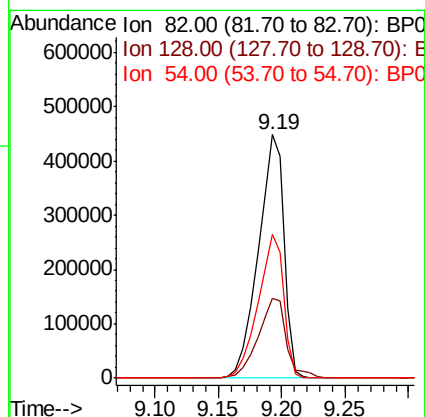
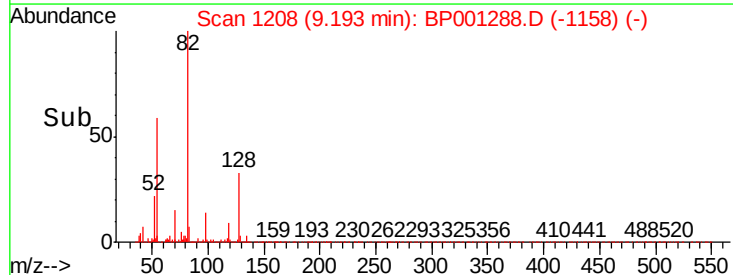
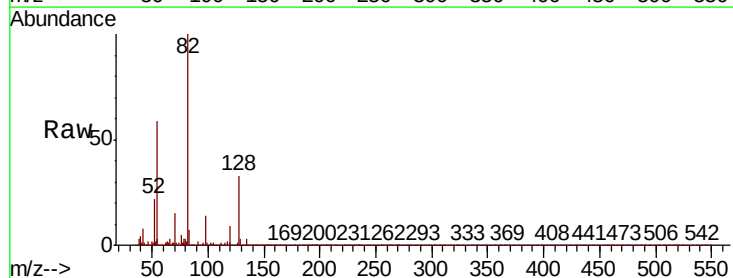
RT: 9.19 min Scan# 1208

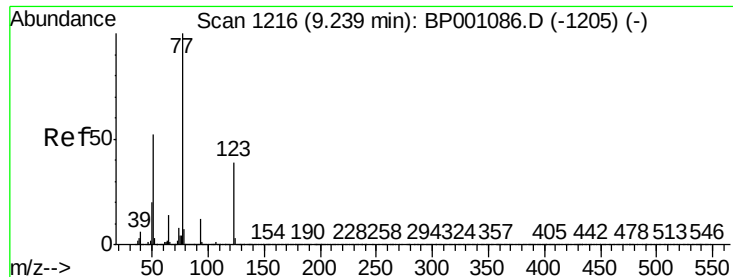
Delta R.T. -0.01 min

Lab File: BP001288.D

Acq: 10 Dec 2019 00:13

Tgt Ion:	82	Resp:	631769
Ion Ratio	Lower	Upper	
82	100		
128	33.0	27.5	41.3
54	59.1	45.7	68.5

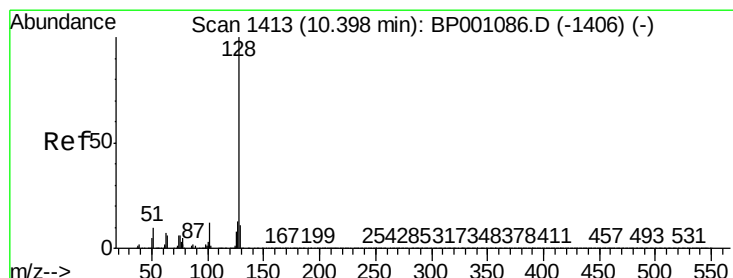
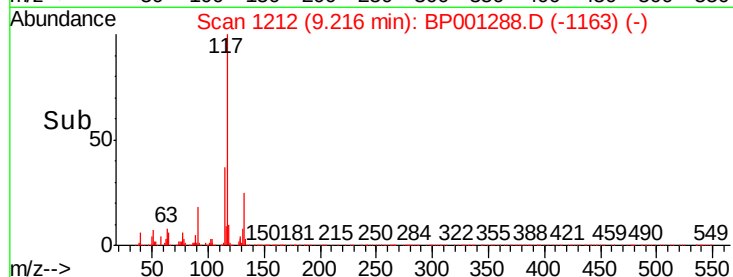
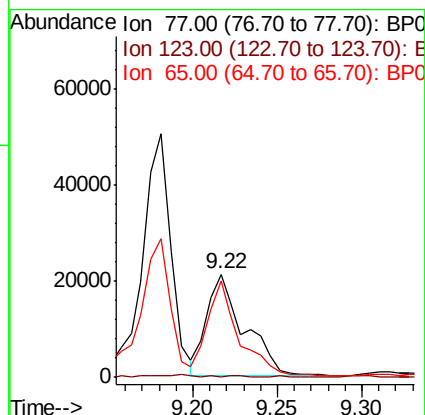
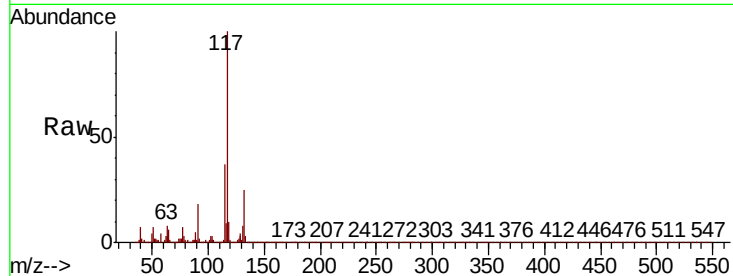




#24
 Nitrobenzene
 Concen: 5.756 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BP001288.D
 Acq: 10 Dec 2019 00:13

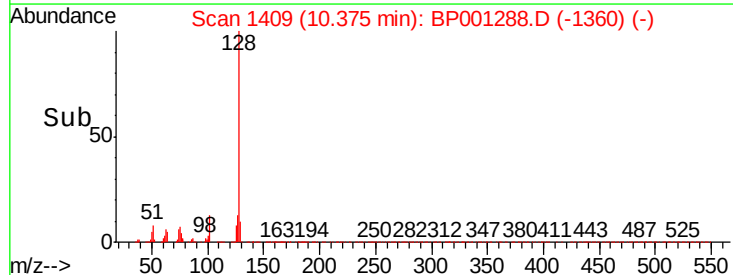
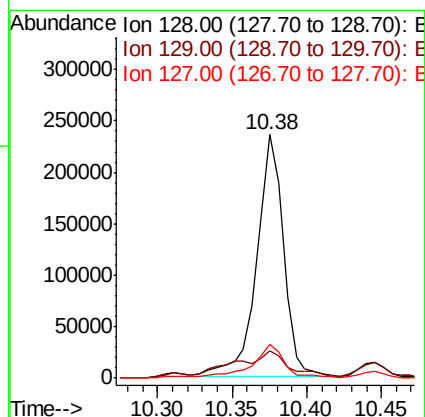
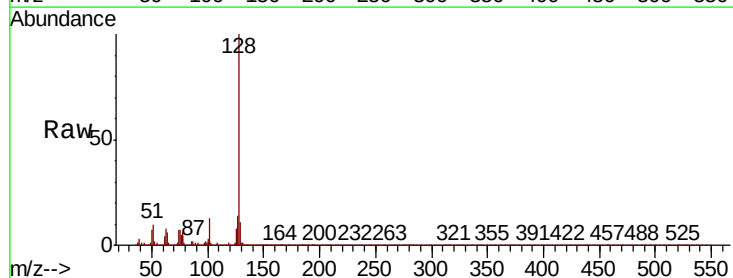
Instrument :
 BNA_P
 ClientSampleId :

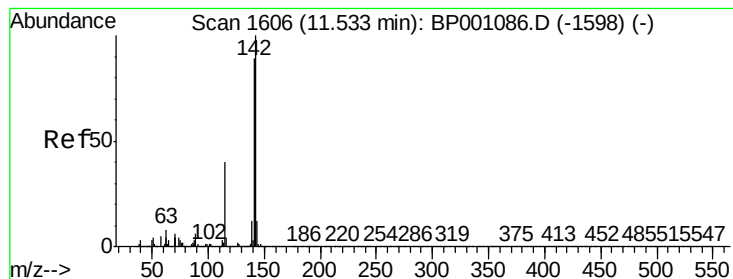
Tot Ion	Ratio	Lower	Upper
77	100		
123	1.0	30.2	45.4#
65	93.9	11.9	17.9#



#31
 Naphthalene
 Concen: 22.886 ng
 RT: 10.38 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BP001288.D
 Acq: 10 Dec 2019 00:13

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.3	12.5
127	13.7	10.6	16.0





#37

2-Methylnaphthalene

Concen: 19.543 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BP001288.D

Acq: 10 Dec 2019 00:13

Instrument :

BNA_P

ClientSampleId :

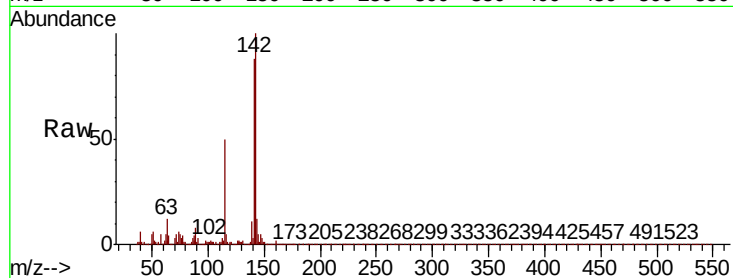
Tot Ion:142 Resp: 170135

Ion Ratio Lower Upper

142 100

141 87.5 71.6 107.4

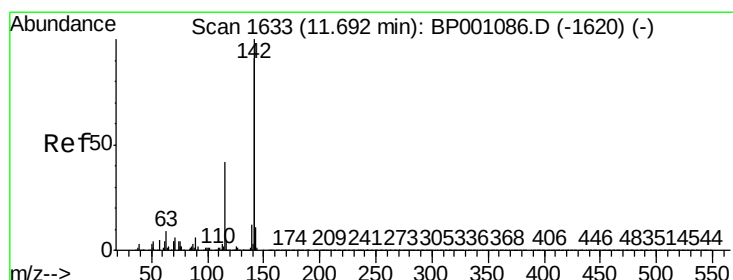
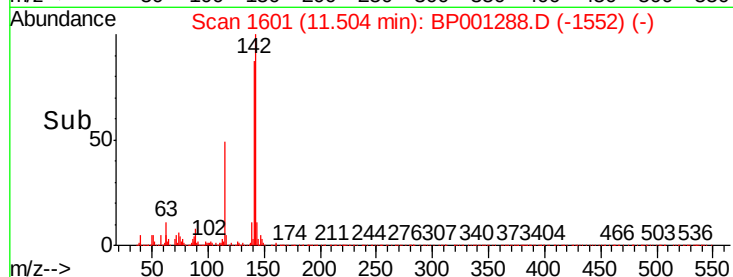
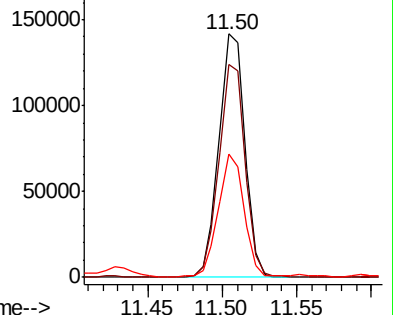
115 50.5 36.0 54.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 20.017 ng

RT: 11.66 min Scan# 1628

Delta R.T. -0.01 min

Lab File: BP001288.D

Acq: 10 Dec 2019 00:13

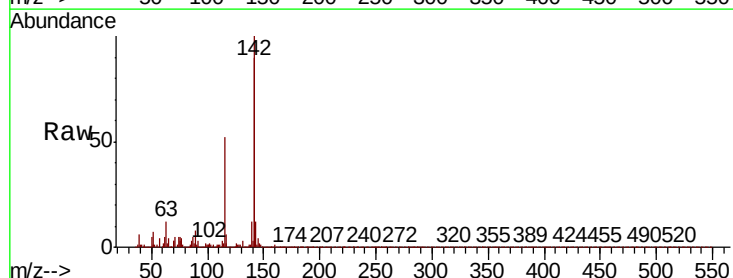
Tgt Ion:142 Resp: 164610

Ion Ratio Lower Upper

142 100

141 89.6 72.7 109.1

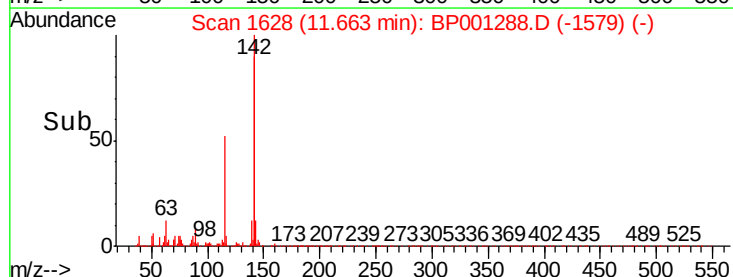
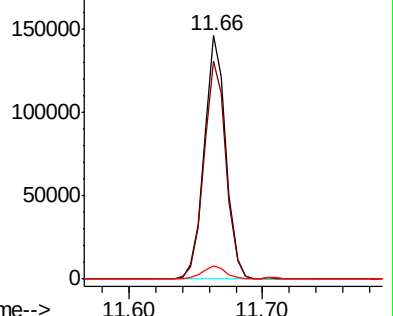
116 5.6 3.8 5.6

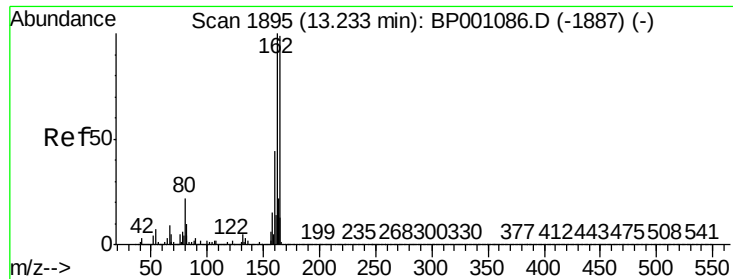


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

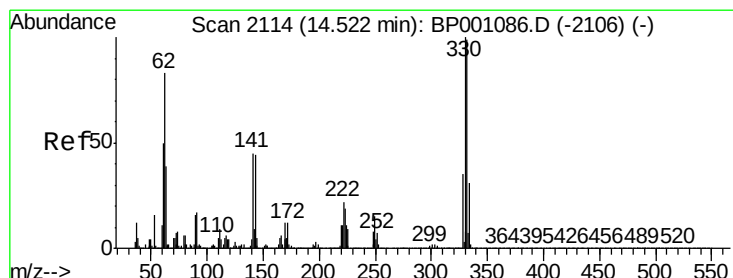
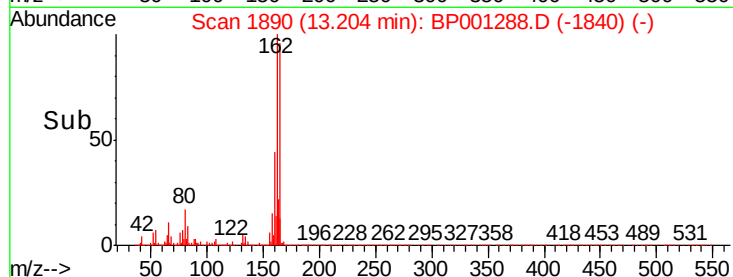
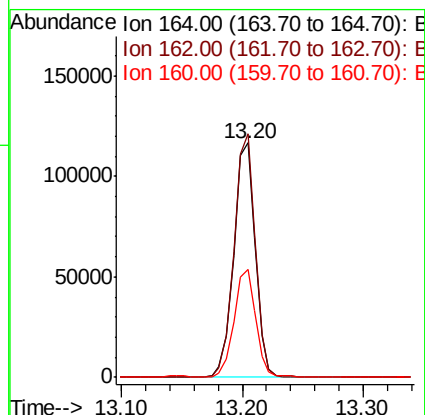
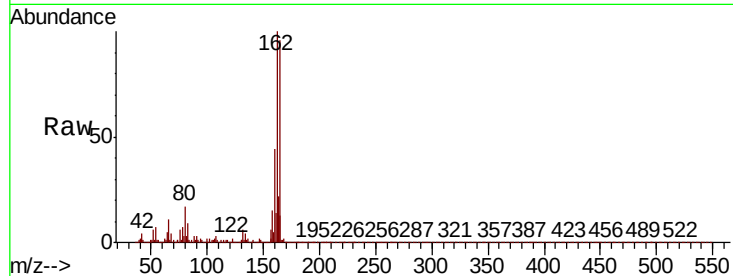




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

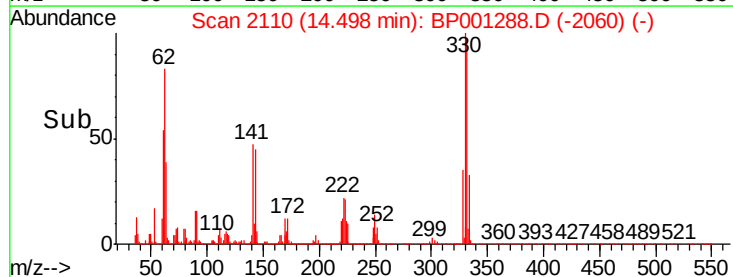
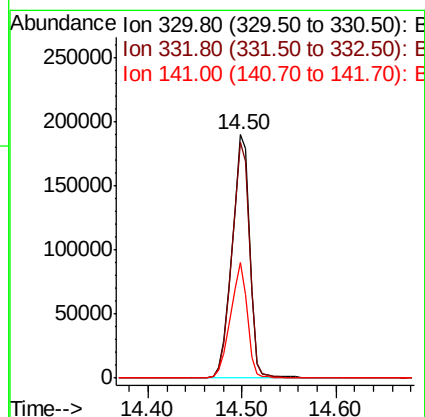
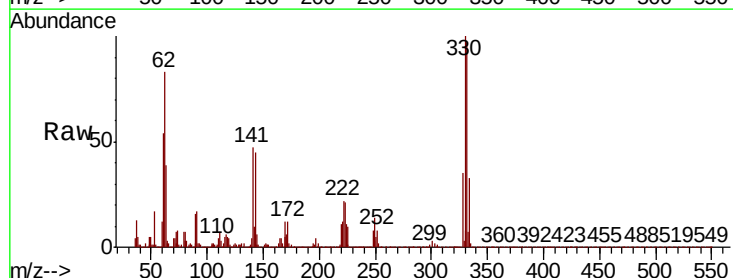
Instrument :
BNA_P
ClientSampleId :

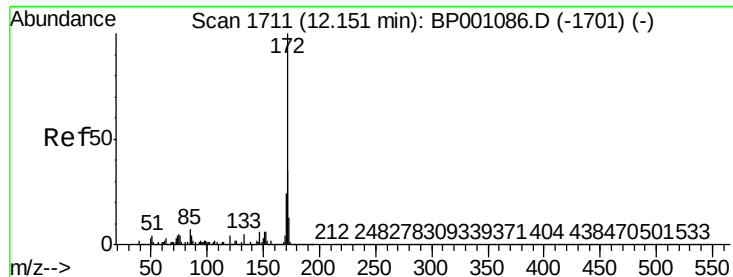
Tot Ion:164 Resp: 144701
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 46.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 179.731 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

Tgt Ion:330 Resp: 249279
Ion Ratio Lower Upper
330 100
332 96.9 79.1 118.7
141 44.9 35.9 53.9

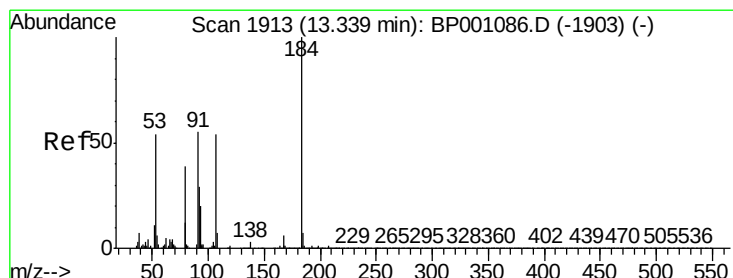
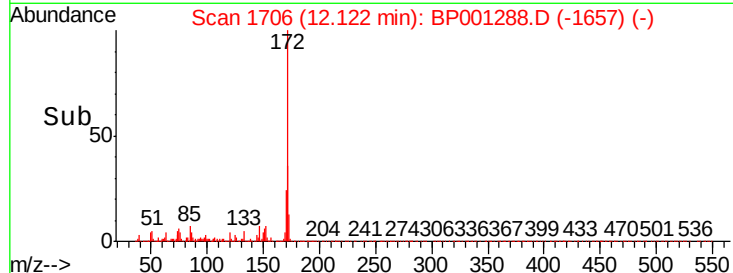
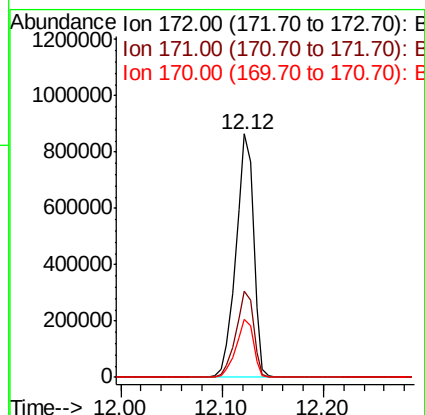
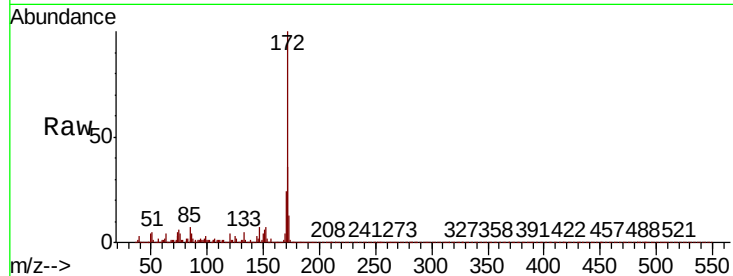




#45
2-Fluorobiphenyl
Concen: 105.922 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

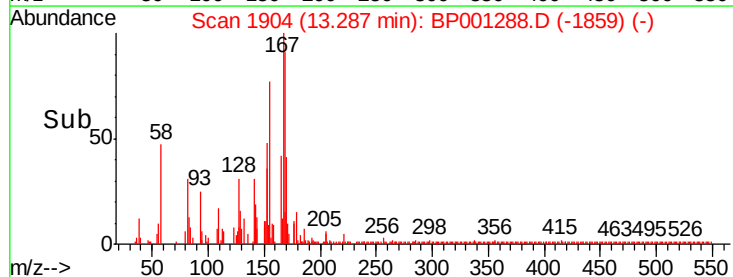
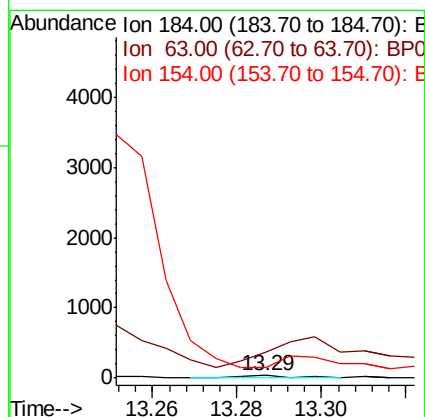
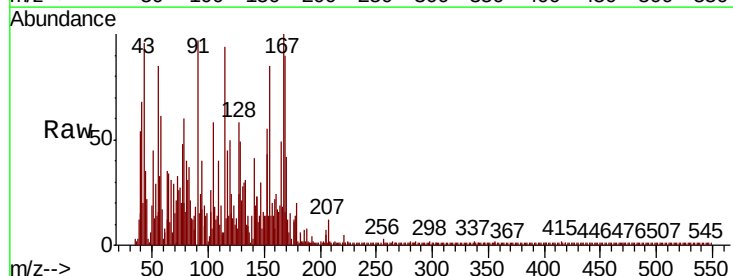
Instrument :
BNA_P
ClientSampled :

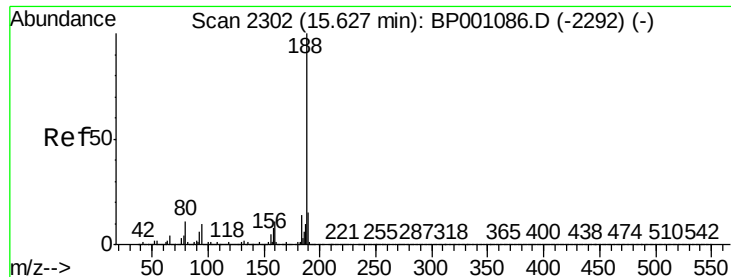
Tot Ion:172 Resp: 1047234
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.6 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.147 ng
RT: 13.29 min Scan# 1904
Delta R.T. -0.04 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

Tgt Ion:184 Resp: 39
Ion Ratio Lower Upper
184 100
63 1100.0 69.4 104.0#
154 441.2 57.4 86.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001288.D

Acq: 10 Dec 2019 00:13

Instrument :

BNA_P

ClientSampleId :

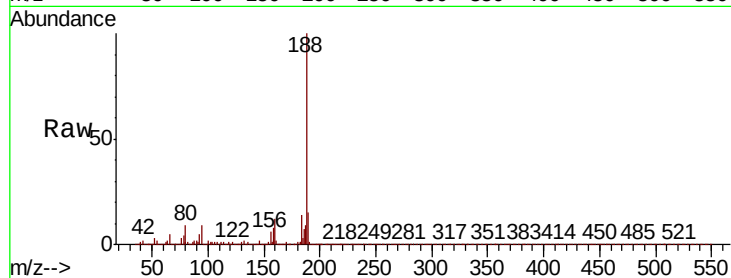
Tot Ion:188 Resp: 283297

Ion Ratio Lower Upper

188 100

94 8.7 7.1 10.7

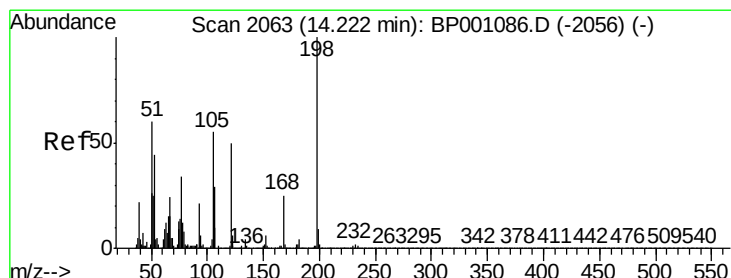
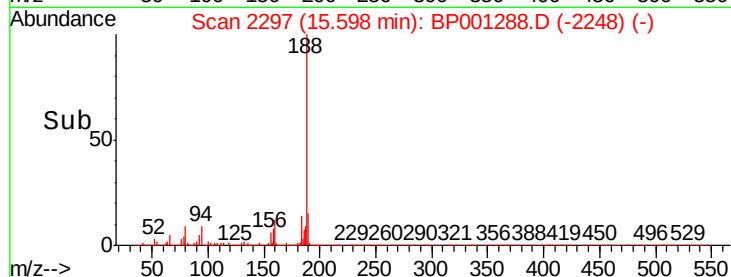
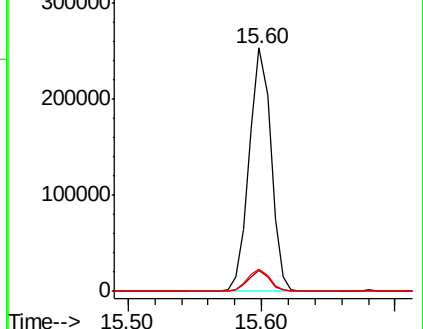
80 9.3 7.8 11.6



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: 14.20 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BP001288.D

Acq: 10 Dec 2019 00:13

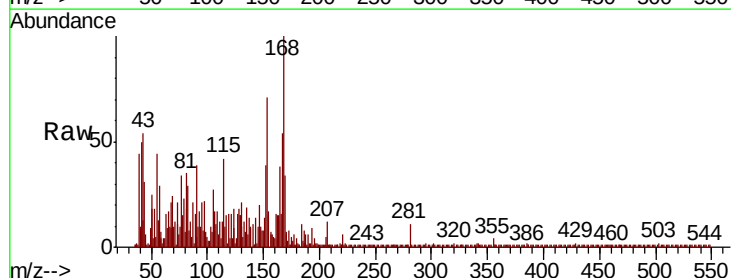
Tgt Ion:198 Resp: 25

Ion Ratio Lower Upper

198 100

51 981.3 36.2 76.2#

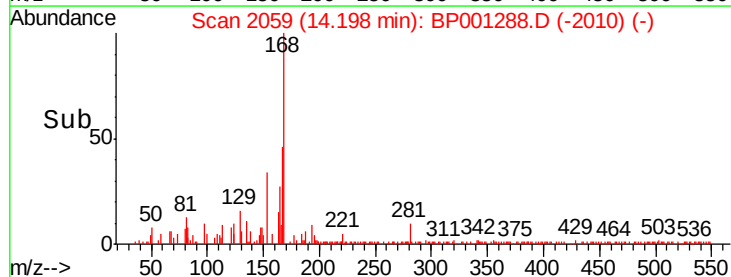
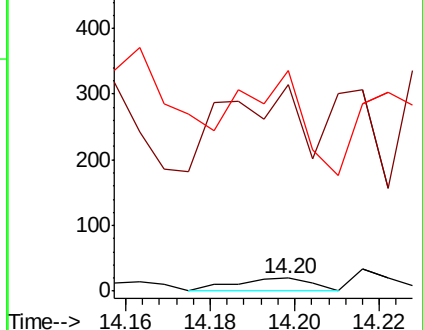
105 1046.9 30.2 70.2#

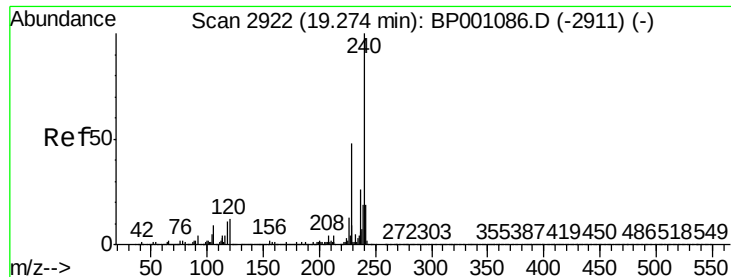


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

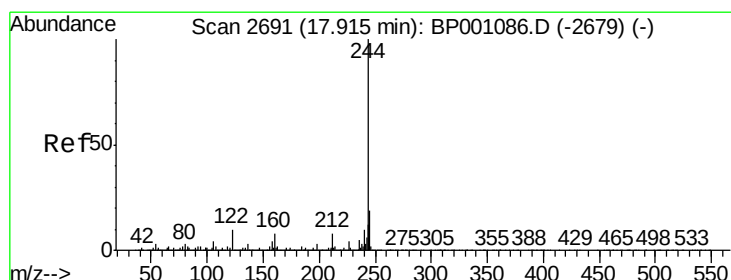
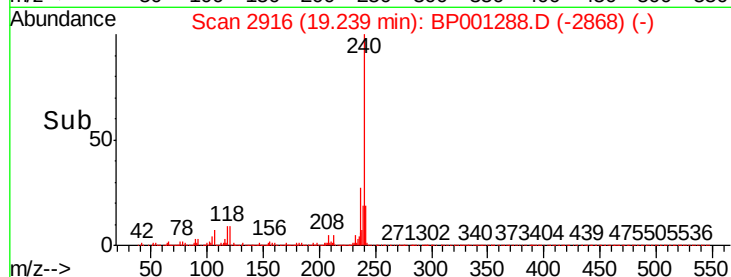
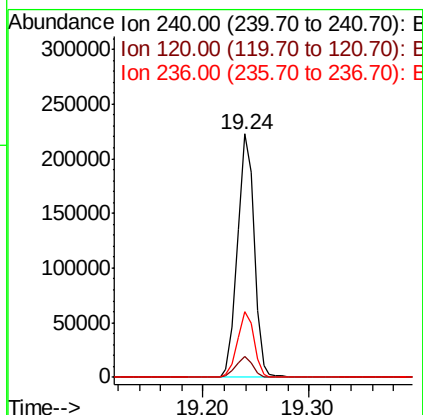
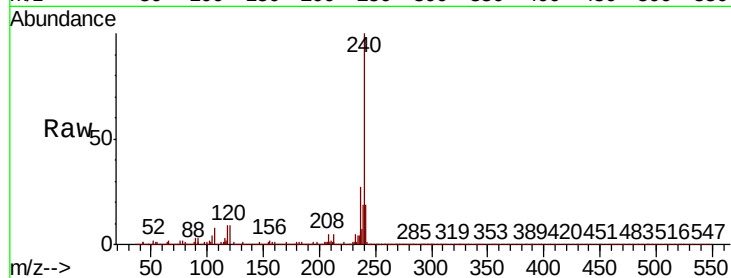




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

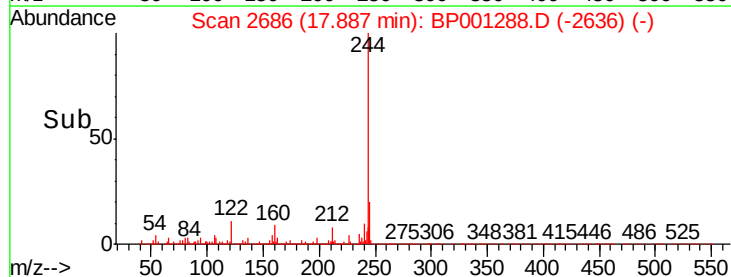
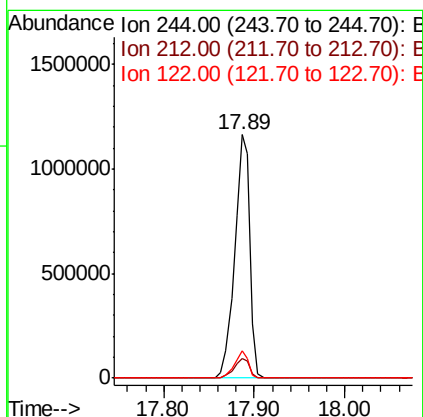
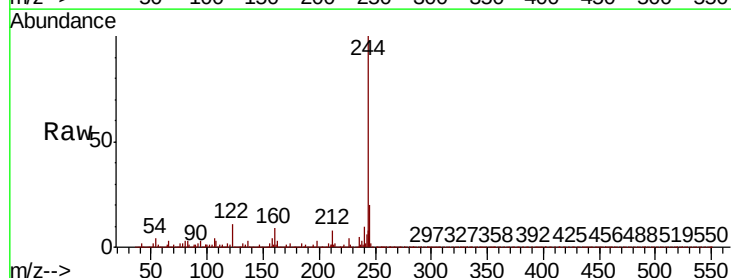
Instrument :
BNA_P
ClientSampleId :

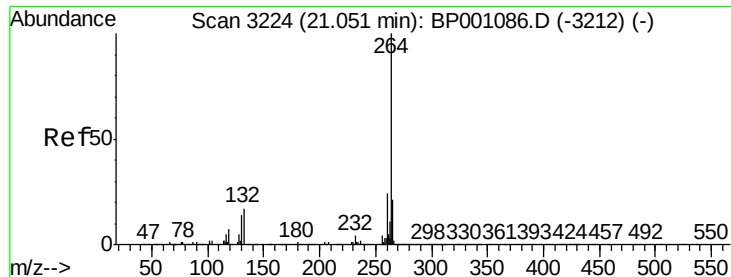
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.0	10.6
236	26.7	21.7	32.5



#79
Terphenyl-d14
Concen: 104.938 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BP001288.D
Acq: 10 Dec 2019 00:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	11.3	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: BP001288.D
Acq: 10 Dec 2019 00:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	21.5	17.1	25.7

