

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001100.D
 Acq On : 28 Nov 2019 01:06
 Operator : JU
 Sample : K5977-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 28 03:02:15 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

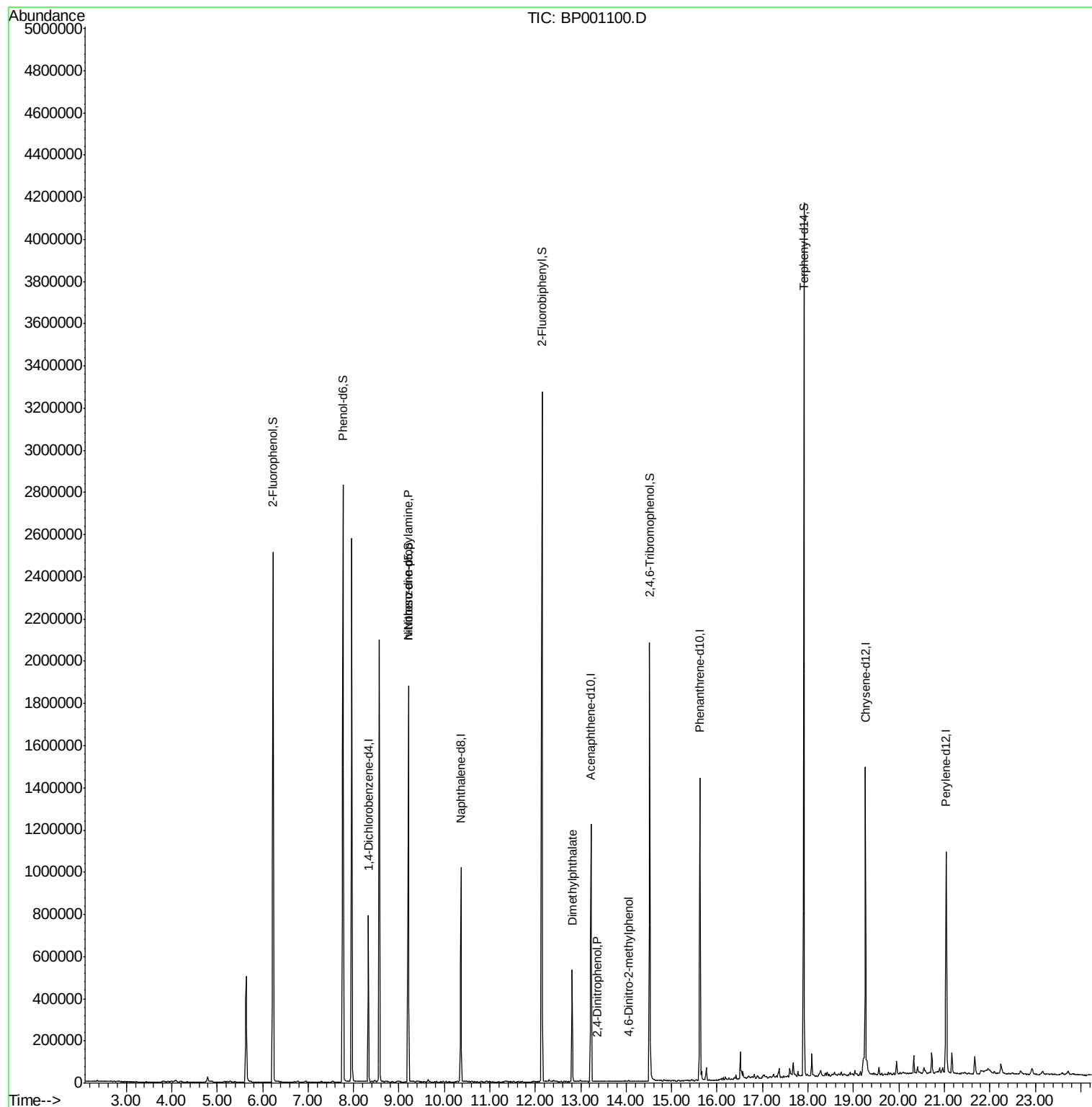
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	146531	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	564249	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	326744	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	643590	20.00	ng	0.00
76) Chrysene-d12	19.26	240	516104	20.00	ng	-0.01
87) Perylene-d12	21.04	264	548456	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	831115	94.10	ng	0.00
7) Phenol-d6	7.77	99	1145562	97.36	ng	0.00
23) Nitrobenzene-d5	9.20	82	750141	57.68	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	278266	88.85	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1321893	59.21	ng	0.00
79) Terphenyl-d14	17.91	244	1641581	58.85	ng	0.00
Target Compounds						
9) Benzaldehyde	7.63	77	173	Below Cal	Qvalue	# 52
19) n-Nitroso-di-n-propylamine	9.20	70	101796	11.989 ng	#	81
50) Dimethylphthalate	12.81	163	241944	9.901 ng	#	100
54) 2,4-Dinitrophenol	13.36	184	4	7.111 ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.04	198	28	6.285 ng	#	1

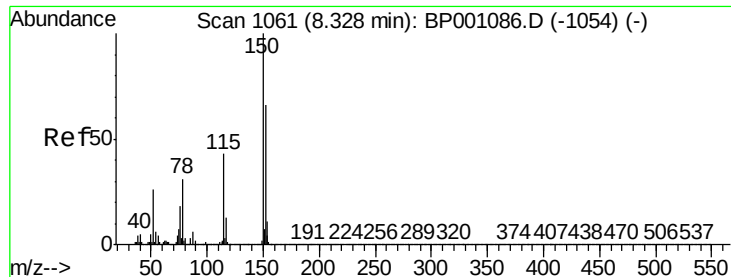
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001100.D

Acq: 28 Nov 2019 01:06

Instrument :

BNA_P

ClientSampleId :

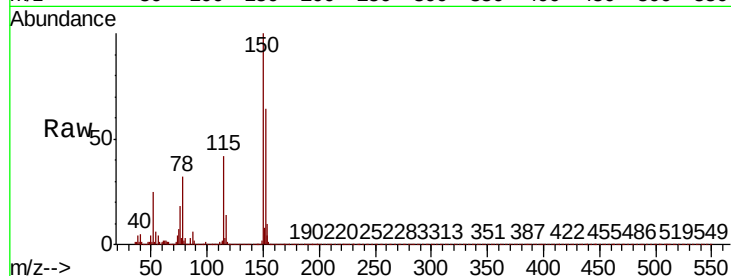
Tot Ion:152 Resp: 146531

Ion Ratio Lower Upper

152 100

150 155.3 120.6 181.0

115 65.6 51.6 77.4

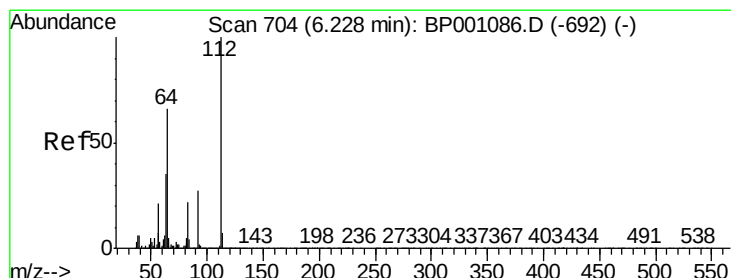
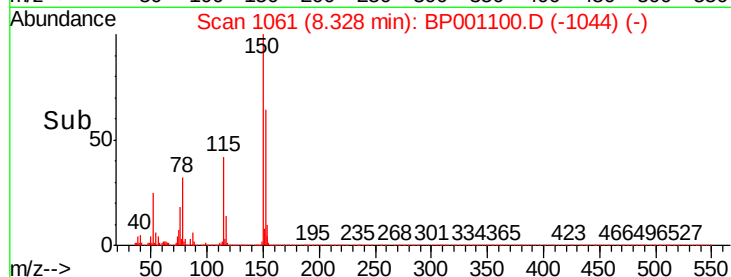
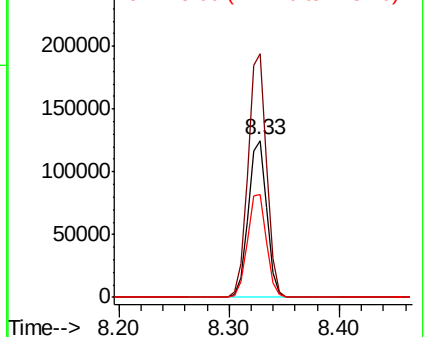


Abundance

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: 94.102 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001100.D

Acq: 28 Nov 2019 01:06

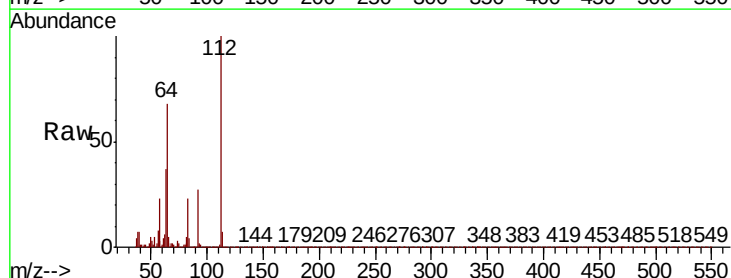
Tgt Ion:112 Resp: 831115

Ion Ratio Lower Upper

112 100

64 68.0 52.8 79.2

63 36.6 28.2 42.2

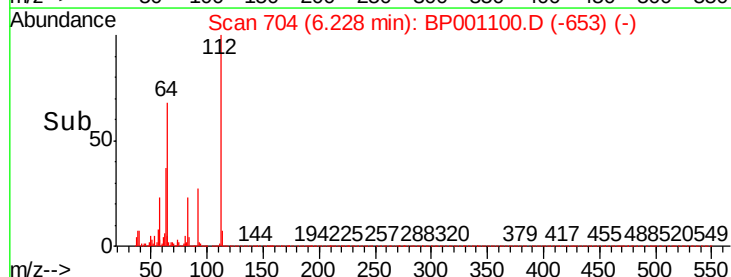
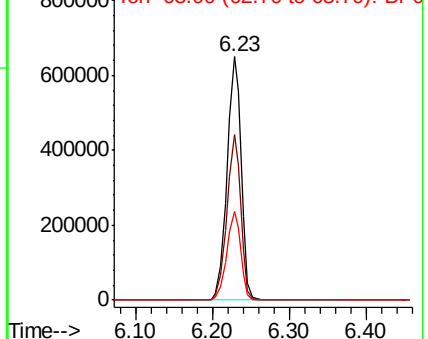


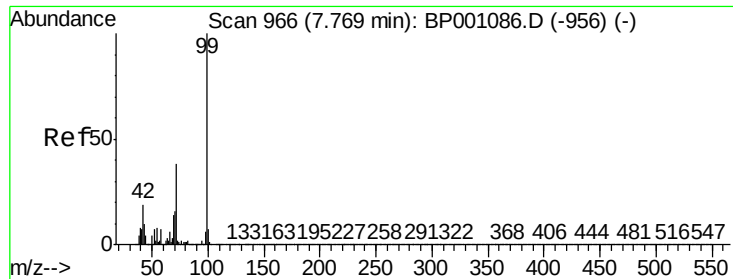
Abundance

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: 97.358 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001100.D

Acq: 28 Nov 2019 01:06

Instrument :

BNA_P

ClientSampleId :

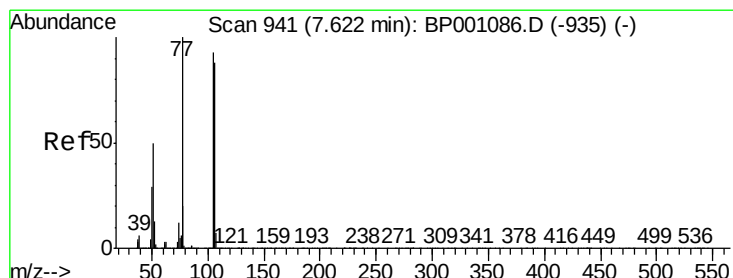
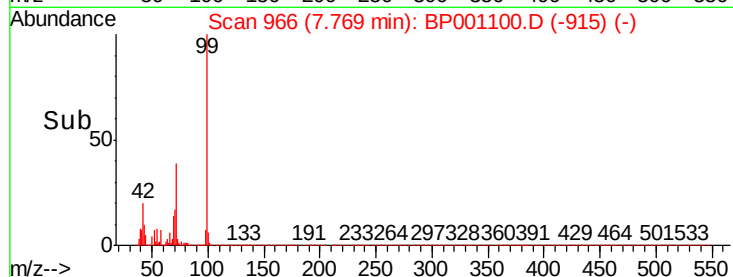
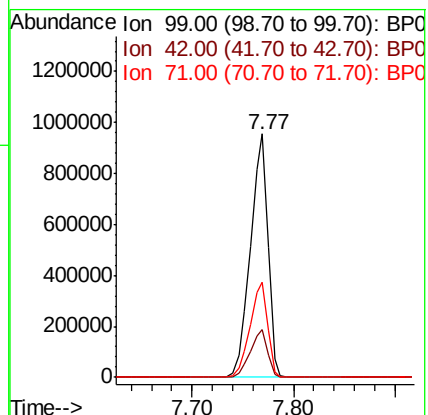
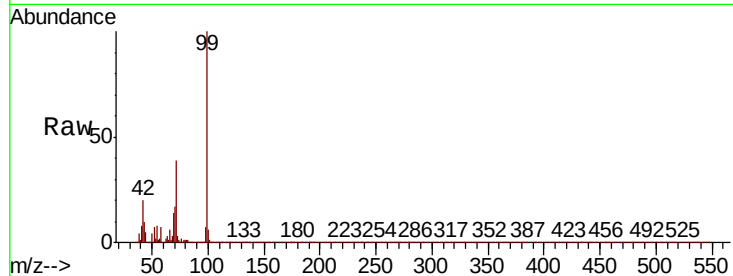
Tot Ion: 99 Resp: 1145562

Ion Ratio Lower Upper

99 100

42 19.8 15.4 23.0

71 39.1 30.8 46.2



#9

Benzaldehyde

Concen: Below Cal

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BP001100.D

Acq: 28 Nov 2019 01:06

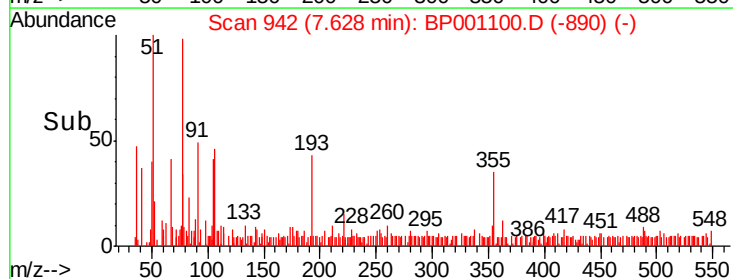
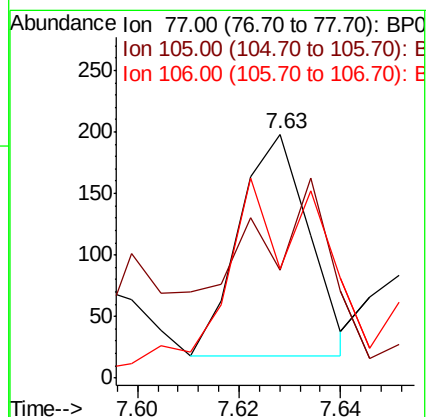
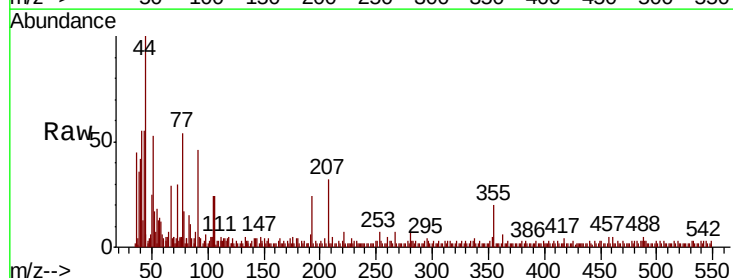
Tgt Ion: 77 Resp: 173

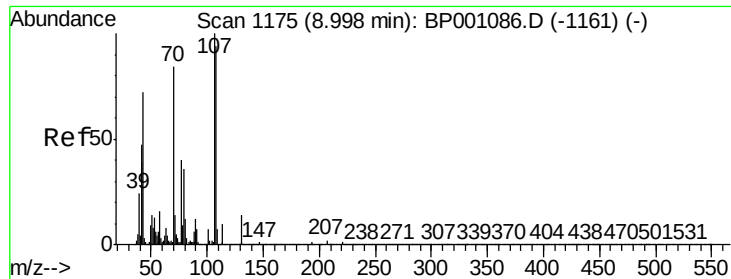
Ion Ratio Lower Upper

77 100

105 44.4 72.5 112.5#

106 44.9 67.6 107.6#

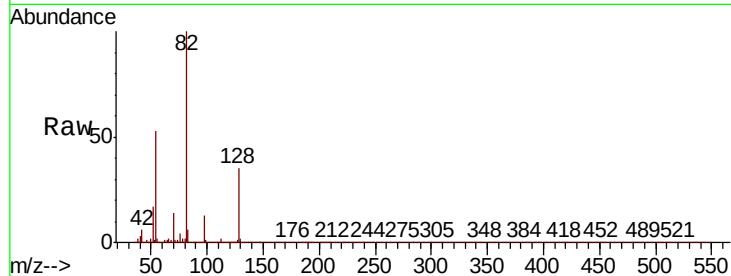




#19
n-Nitroso-di-n-propylamine
Concen: 11.989 ng
RT: 9.20 min Scan# 1210
Delta R.T. 0.21 min
Lab File: BP001100.D
Acq: 28 Nov 2019 01:06

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.4	44.6	66.8
101	0.0	7.1	10.7#
130	1.5	13.8	20.6#



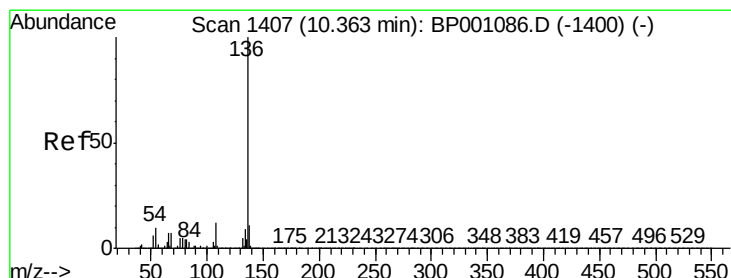
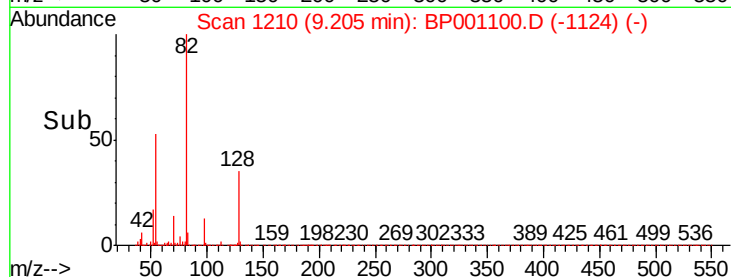
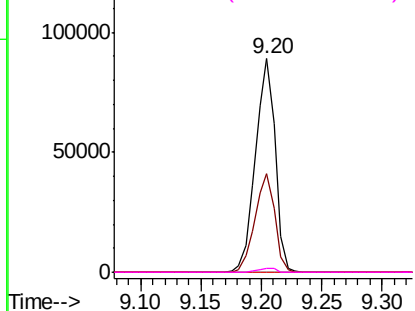
Abundance

Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001100.D
Acq: 28 Nov 2019 01:06

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	9.4	7.9	11.9
68	6.6	5.6	8.4

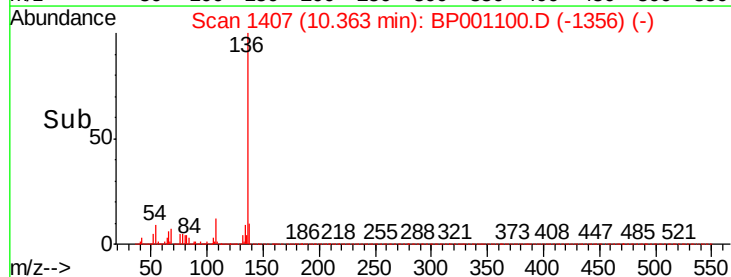
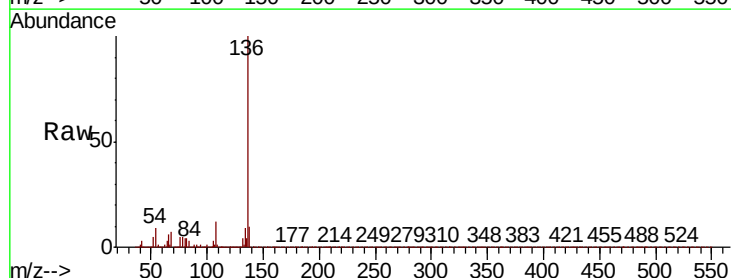
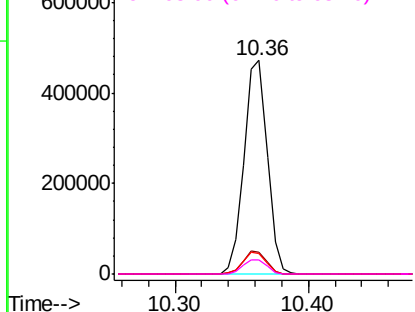
Abundance

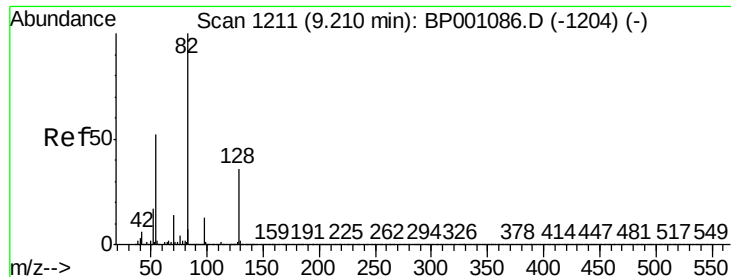
Ion 136.00 (135.70 to 136.70): E

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

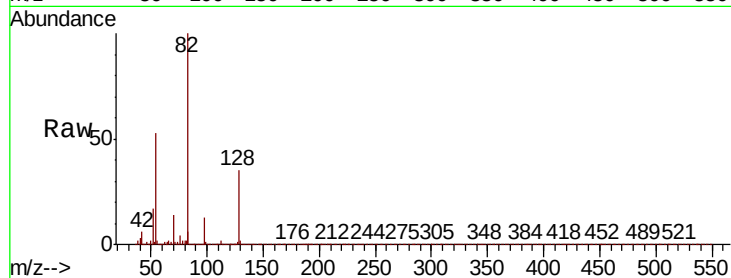




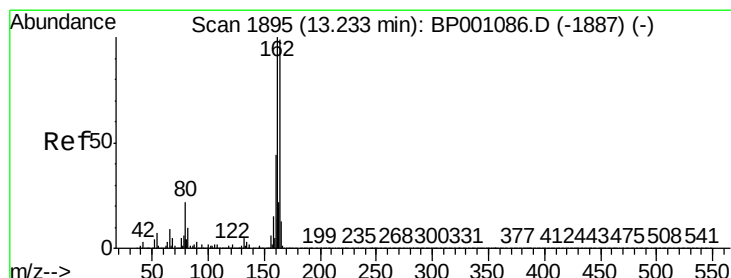
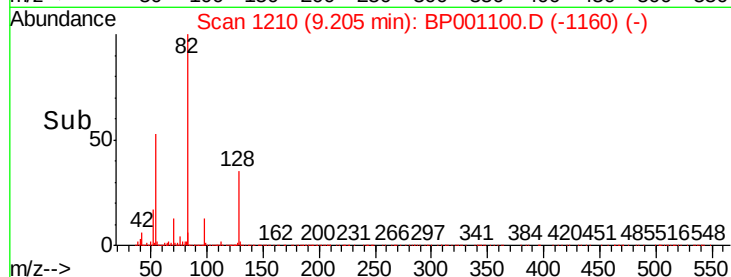
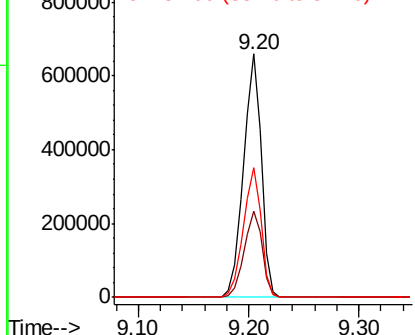
#23
 Nitrobenzene-d5
 Concen: 57.679 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BP001100.D
 Acq: 28 Nov 2019 01:06

Instrument :
 BNA_P
 ClientSampled :

Tot Ion	82	Resp	750141
Ion Ratio	Lower	Upper	
82	100		
128	35.2	28.9	43.3
54	53.2	41.9	62.9

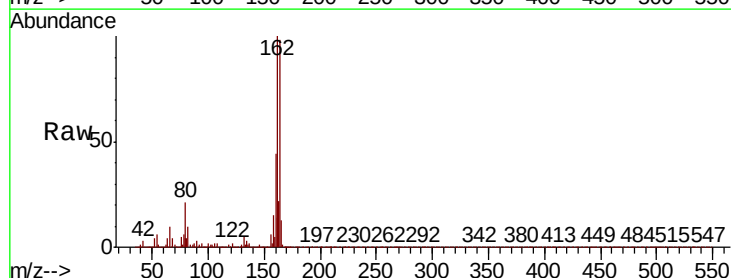


Abundance Ion 82.00 (81.70 to 82.70): BP0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BP0

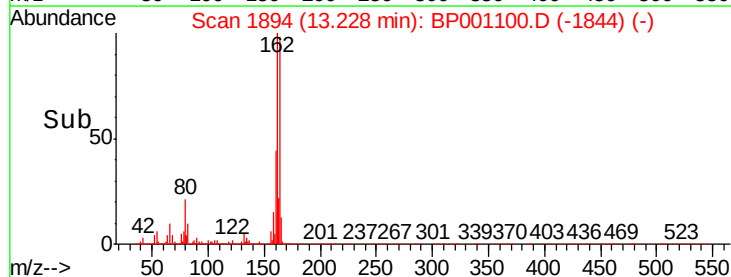
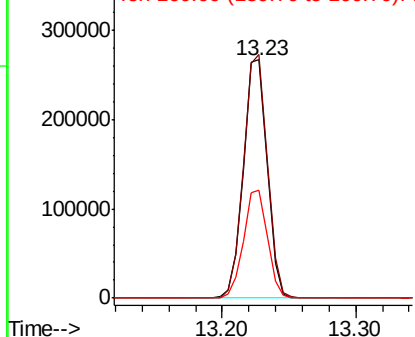


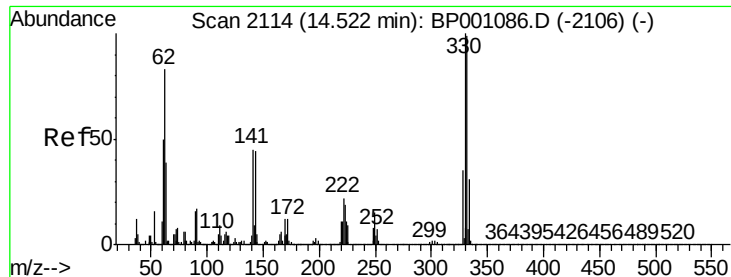
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BP001100.D
 Acq: 28 Nov 2019 01:06

Tgt Ion	164	Resp	326744
Ion Ratio	Lower	Upper	
164	100		
162	102.2	80.6	120.8
160	45.4	35.4	53.2



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

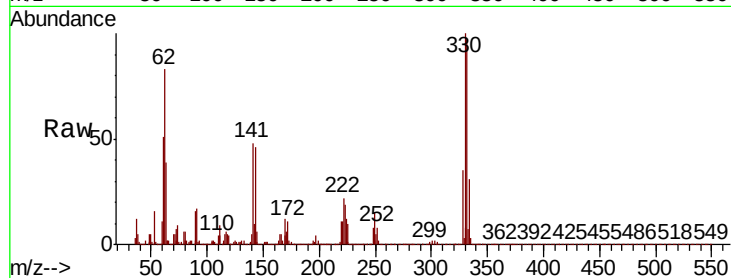




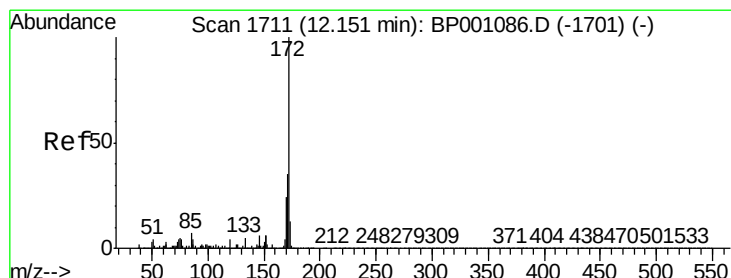
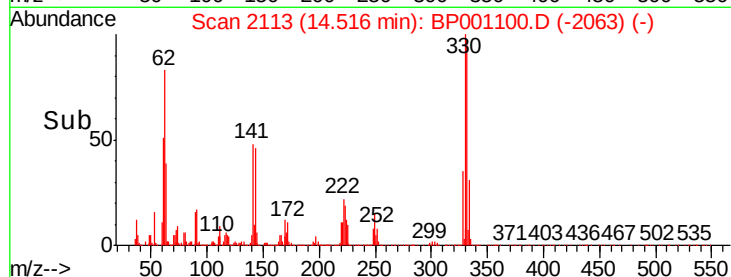
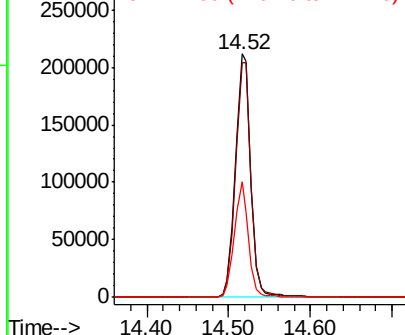
#42
2,4,6-Tribromophenol
Concen: 88.851 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP001100.D
Acq: 28 Nov 2019 01:06

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 278266
Ion Ratio Lower Upper
330 100
332 97.4 77.6 116.4
141 43.5 34.2 51.2

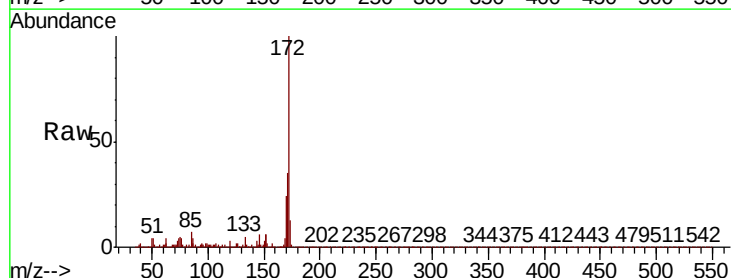


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

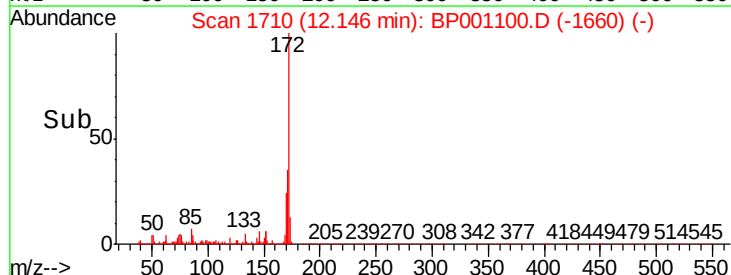
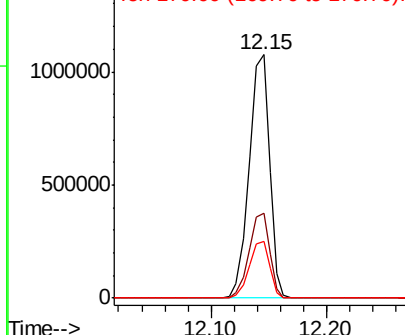


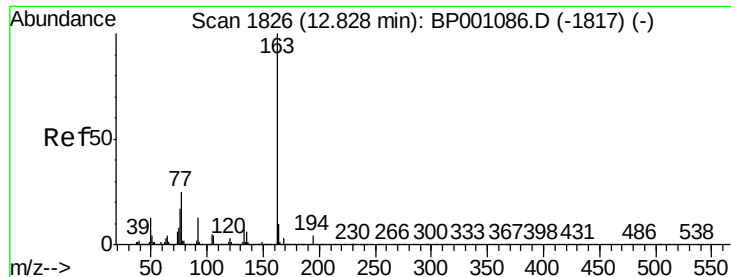
#45
2-Fluorobiphenyl
Concen: 59.211 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001100.D
Acq: 28 Nov 2019 01:06

Tgt Ion:172 Resp: 1321893
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.5 19.0 28.4



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 9.901 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BP001100.D

Acq: 28 Nov 2019 01:06

Instrument :

BNA_P

ClientSampleId :

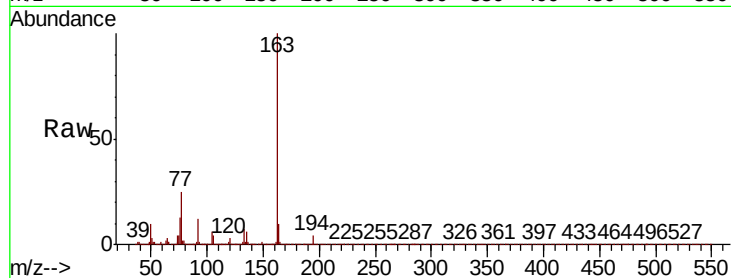
Tot Ion:163 Resp: 241944

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

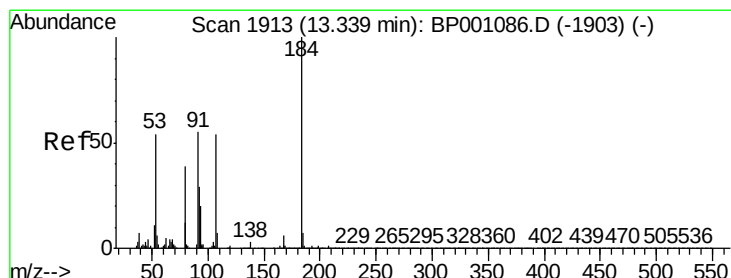
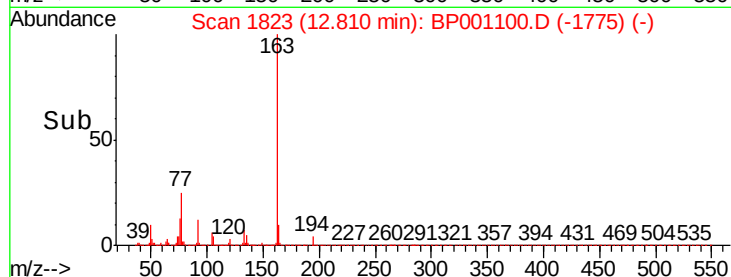
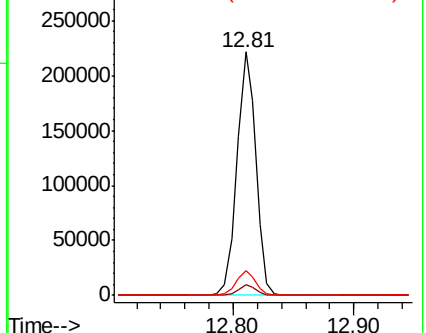
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 7.111 ng

RT: 13.36 min Scan# 1916

Delta R.T. 0.02 min

Lab File: BP001100.D

Acq: 28 Nov 2019 01:06

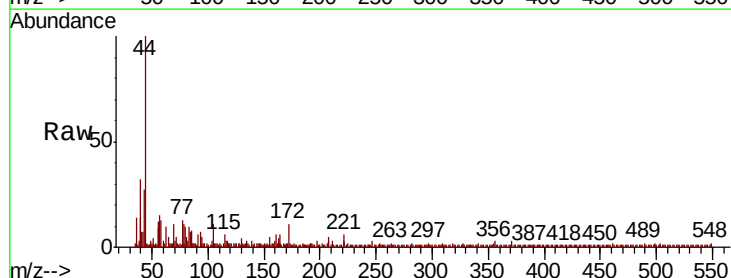
Tgt Ion:184 Resp: 4

Ion Ratio Lower Upper

184 100

63 810.0 60.7 91.1#

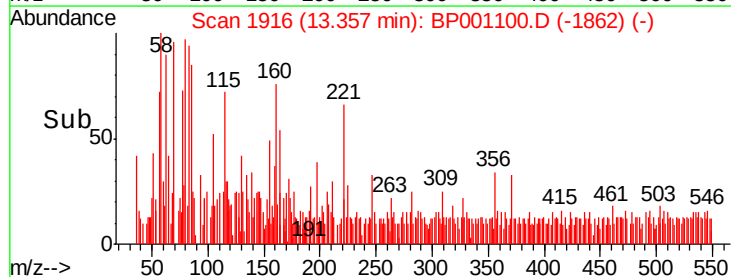
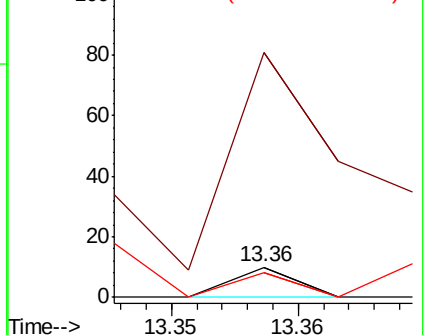
154 80.0 56.2 84.2

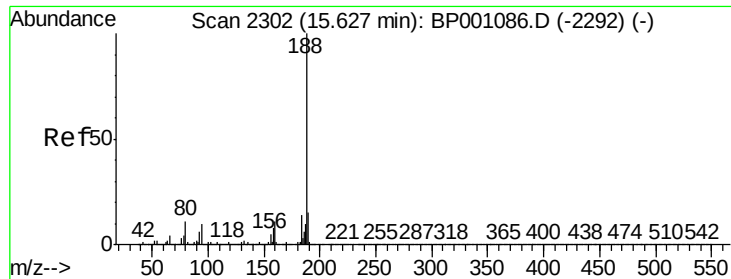


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BP001100.D

Acq: 28 Nov 2019 01:06

Instrument :

BNA_P

ClientSampleId :

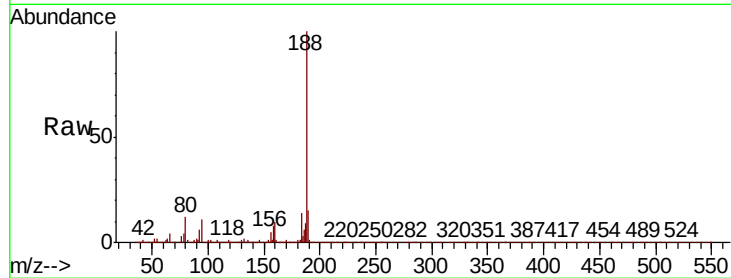
Tot Ion:188 Resp: 643590

Ion Ratio Lower Upper

188 100

94 10.6 7.9 11.9

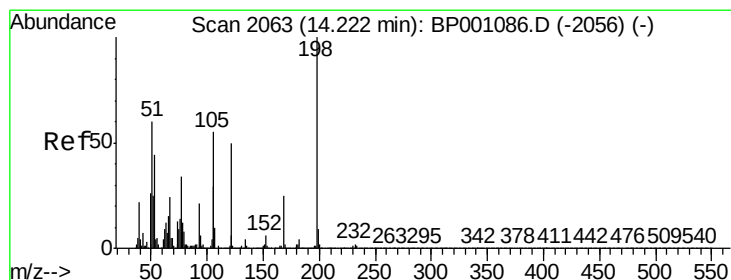
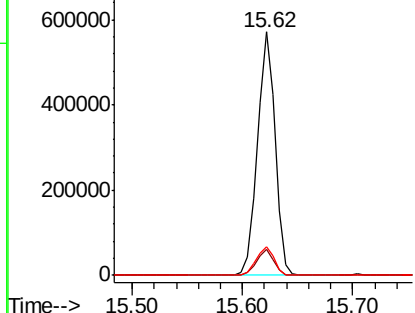
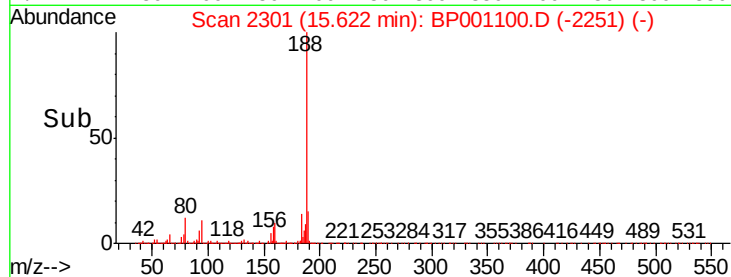
80 11.6 8.8 13.2



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: 6.285 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.18 min

Lab File: BP001100.D

Acq: 28 Nov 2019 01:06

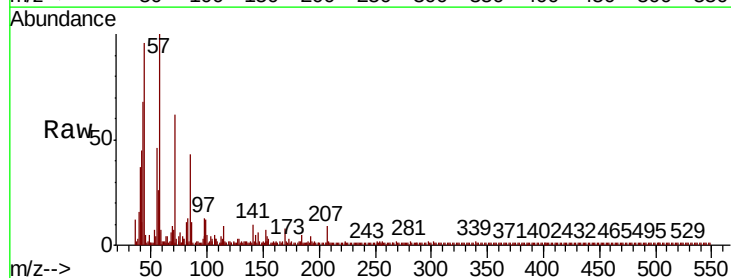
Tgt Ion:198 Resp: 28

Ion Ratio Lower Upper

198 100

51 81.8 40.5 80.5#

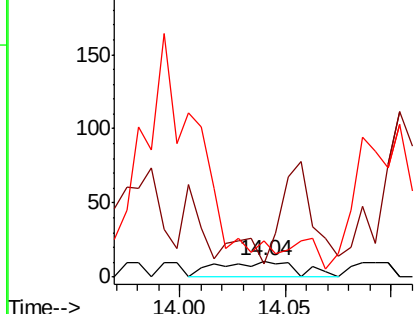
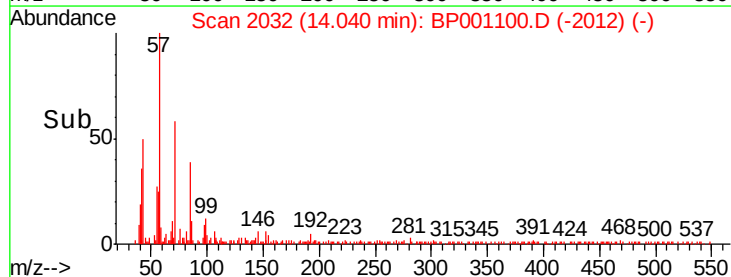
105 218.2 35.7 75.7#

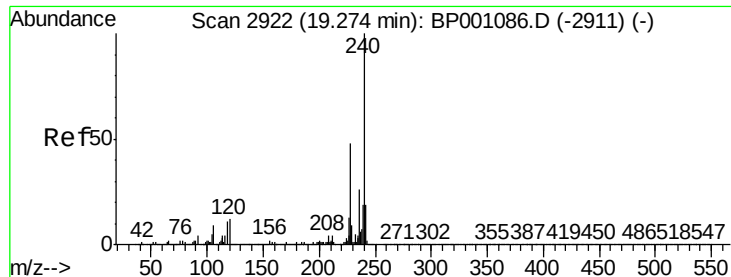


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

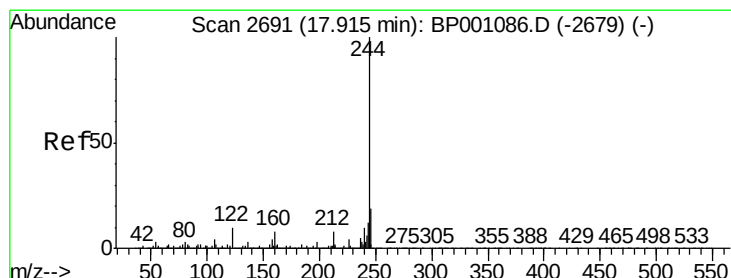
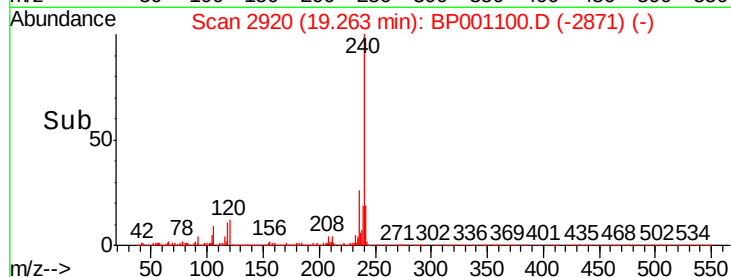
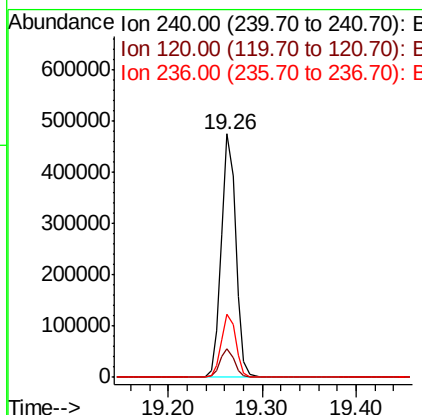
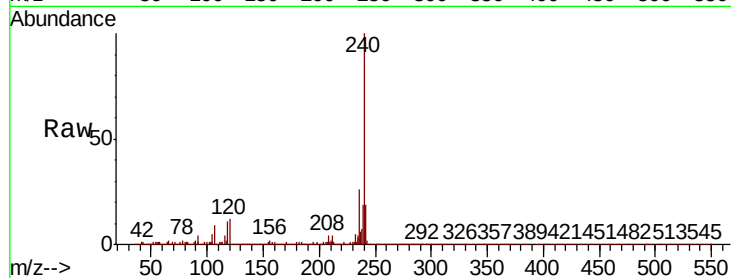




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.26 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BP001100.D
Acq: 28 Nov 2019 01:06

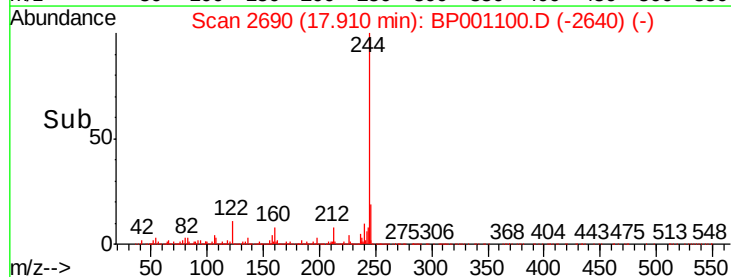
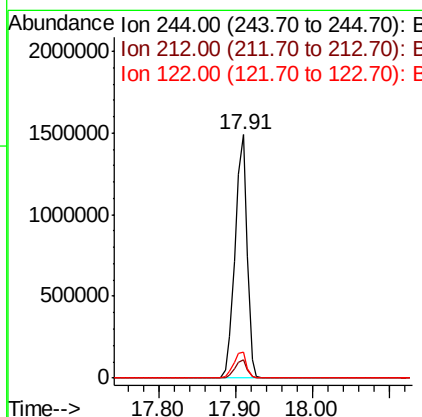
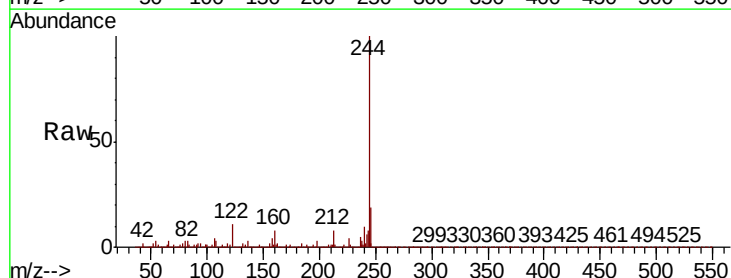
Instrument :
BNA_P
ClientSampleId :

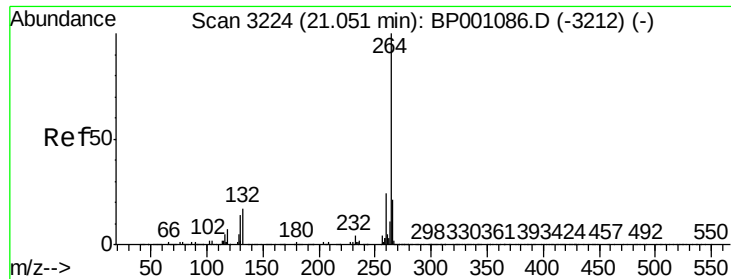
Tot Ion:240 Resp: 516104
Ion Ratio Lower Upper
240 100
120 11.8 9.5 14.3
236 26.0 20.4 30.6



#79
Terphenyl-d14
Concen: 58.846 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001100.D
Acq: 28 Nov 2019 01:06

Tgt Ion:244 Resp: 1641581
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 10.9 8.2 12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BP001100.D
Acq: 28 Nov 2019 01:06

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.1	16.9	25.3

