

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001269.D
 Acq On : 07 Dec 2019 22:33
 Operator : JU
 Sample : K5792-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 00:46:11 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

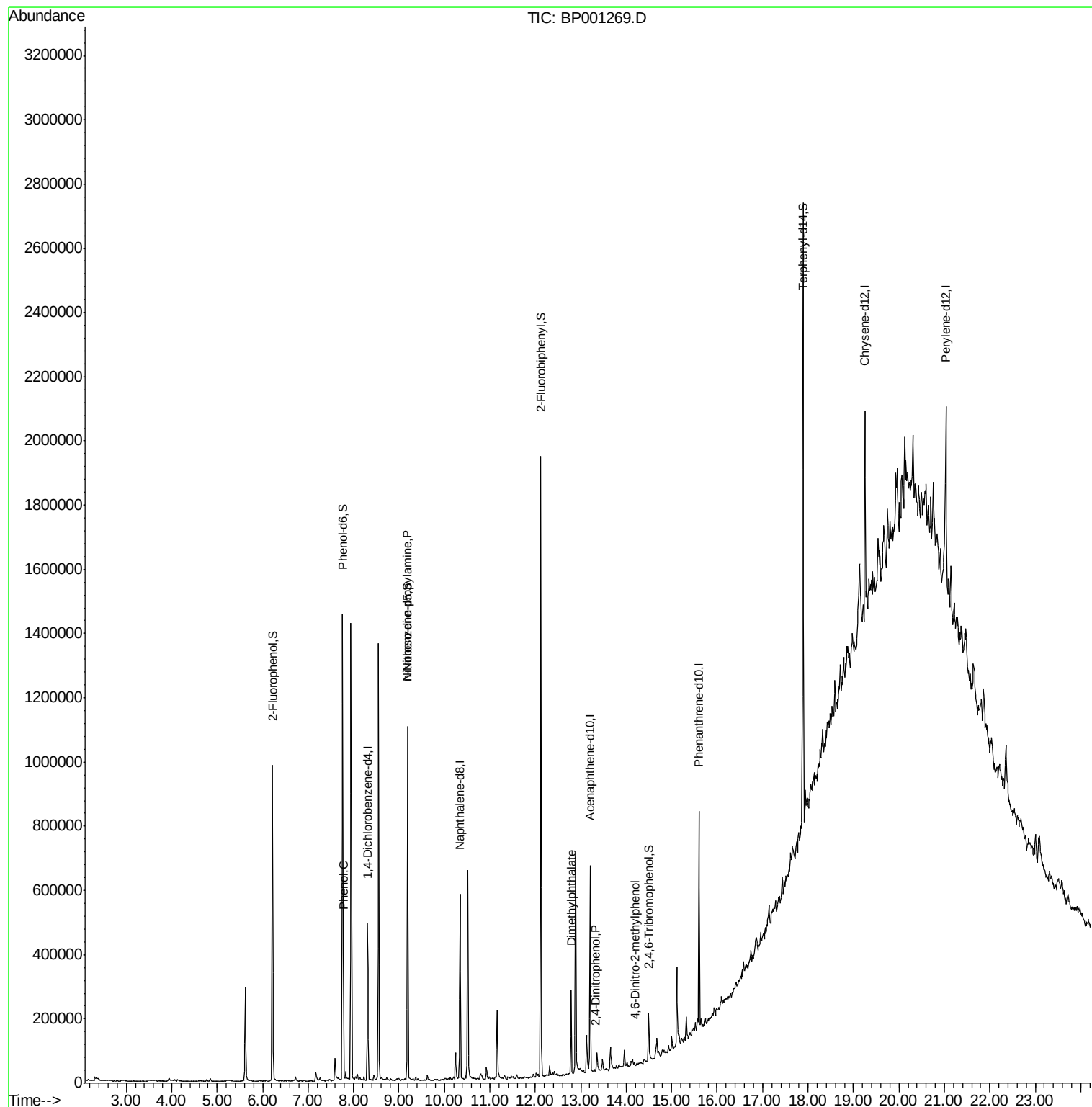
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	77590	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	281329	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	154272	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	288751	20.00	ng	0.00
76) Chrysene-d12	19.25	240	222487	20.00	ng	0.00
87) Perylene-d12	21.03	264	250973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	296045	63.30	ng	0.00
7) Phenol-d6	7.76	99	596924	95.81	ng	0.00
23) Nitrobenzene-d5	9.19	82	418865	64.60	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	20373	13.78	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	690794	65.54	ng	-0.01
79) Terphenyl-d14	17.89	244	759265	63.14	ng	0.00
Target Compounds						
9) Benzaldehyde	7.61	77	2059	Below Cal		Qvalue # 81
10) Phenol	7.78	94	32439	4.577 ng		82
19) n-Nitroso-di-n-propylamine	9.19	70	60759	13.515 ng	#	79
50) Dimethylphthalate	12.79	163	112809	9.777 ng		99
54) 2,4-Dinitrophenol	13.32	184	12	7.120 ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.20	198	37	6.302 ng	#	1

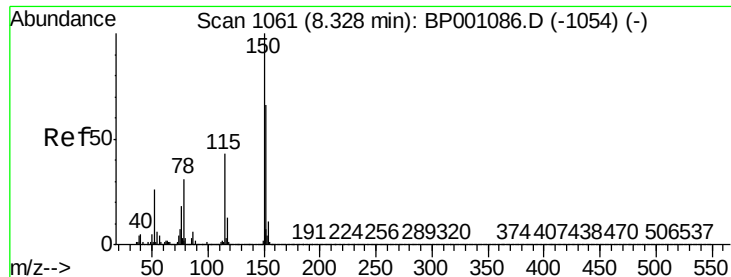
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 05 12:34:47 2019
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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: BP001269.D

Acq: 07 Dec 2019 22:33

Instrument :

BNA_P

ClientSampleId :

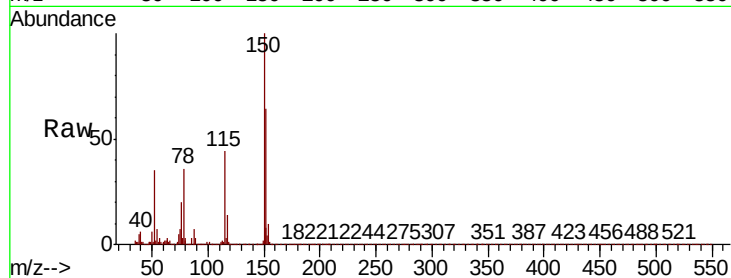
Tot Ion:152 Resp: 77590

Ion Ratio Lower Upper

152 100

150 155.7 127.3 190.9

115 68.9 56.0 84.0

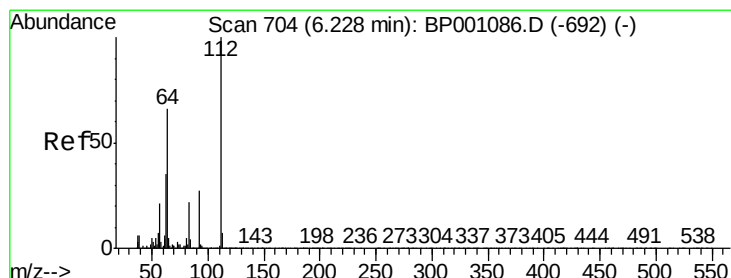
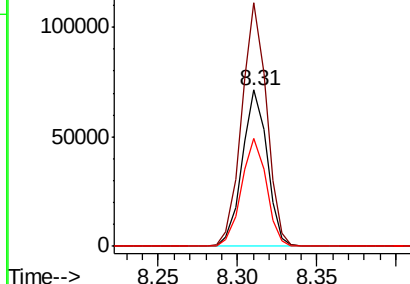
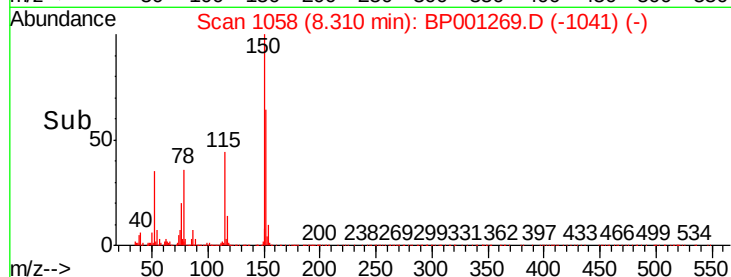


Abundance

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: 63.302 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BP001269.D

Acq: 07 Dec 2019 22:33

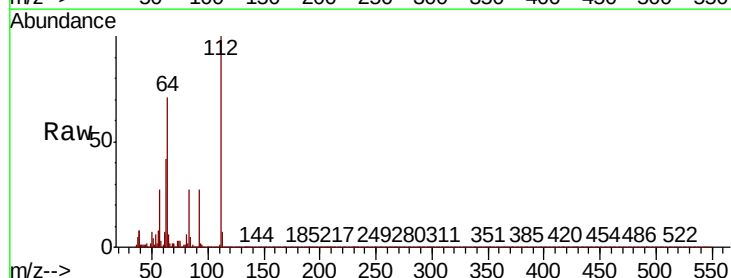
Tgt Ion:112 Resp: 296045

Ion Ratio Lower Upper

112 100

64 70.8 56.8 85.2

63 42.3 32.2 48.2

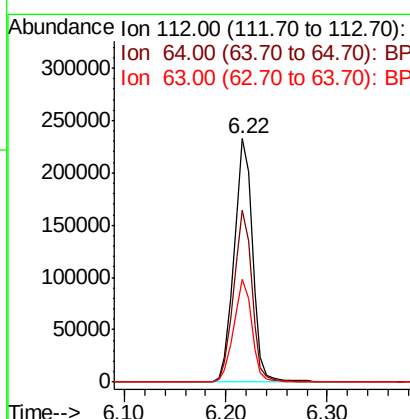
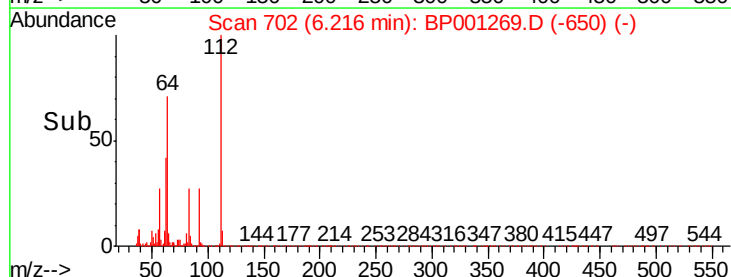


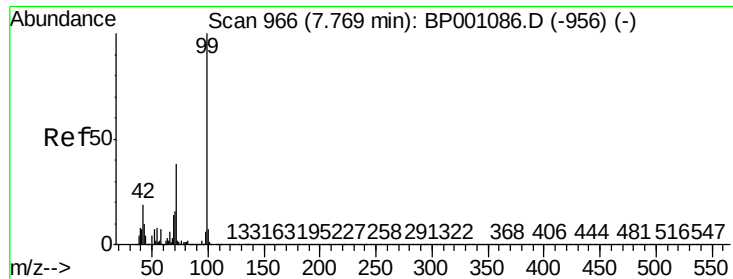
Abundance

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: 95.807 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001269.D

Acq: 07 Dec 2019 22:33

Instrument :

BNA_P

ClientSampleId :

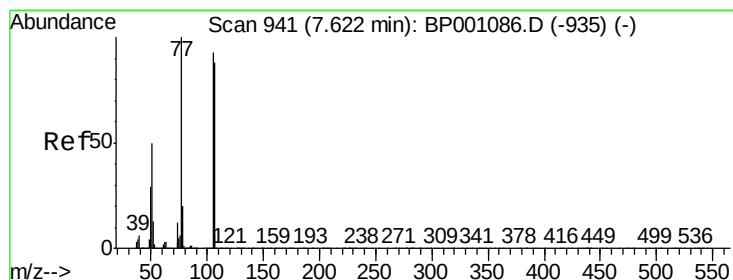
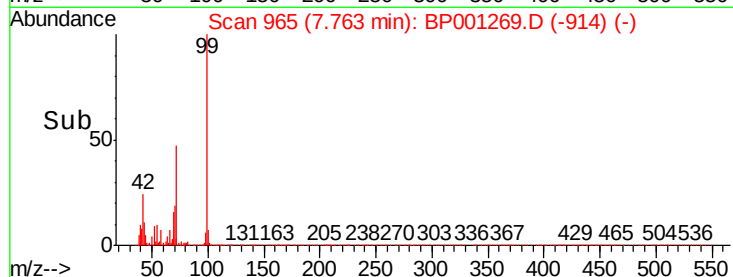
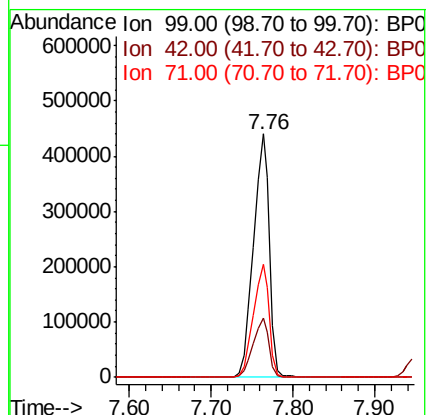
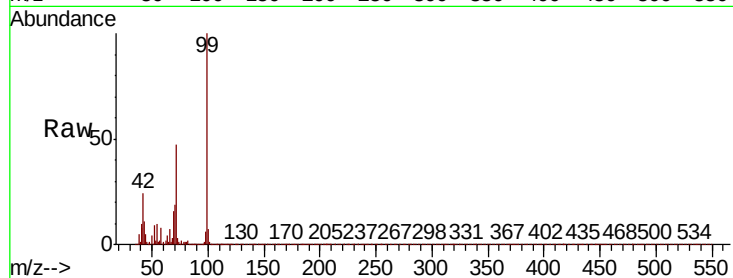
Tot Ion: 99 Resp: 596924

Ion Ratio Lower Upper

99 100

42 24.2 17.6 26.4

71 46.7 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP001269.D

Acq: 07 Dec 2019 22:33

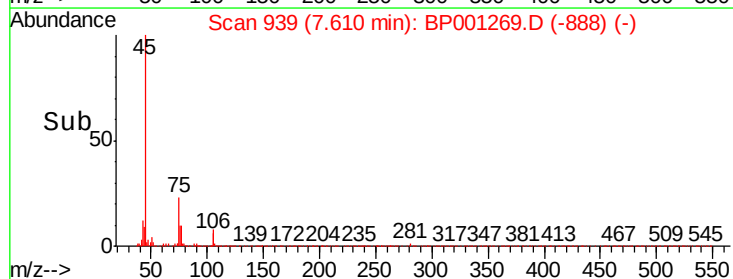
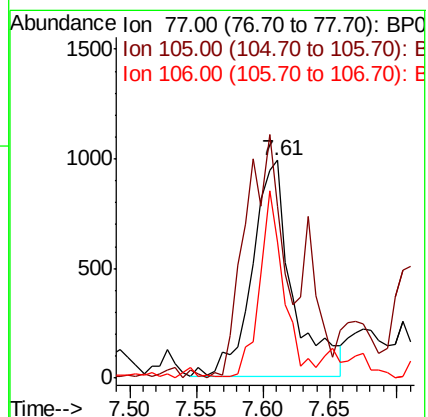
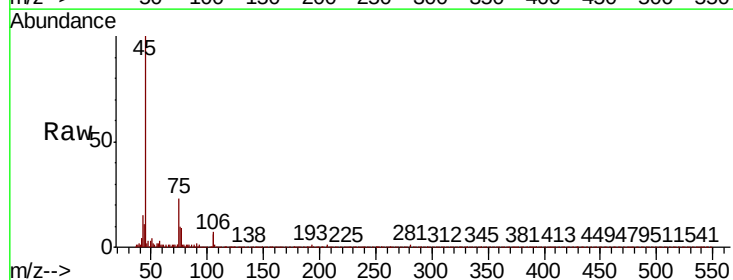
Tgt Ion: 77 Resp: 2059

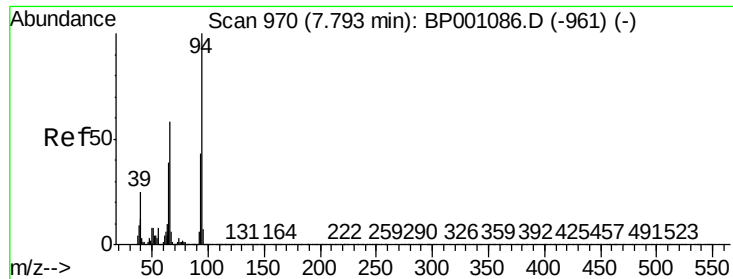
Ion Ratio Lower Upper

77 100

105 78.9 69.7 109.7

106 62.6 67.1 107.1#





#10

Phenol

Concen: 4.577 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BP001269.D

Acq: 07 Dec 2019 22:33

Instrument :

BNA_P

ClientSampleId :

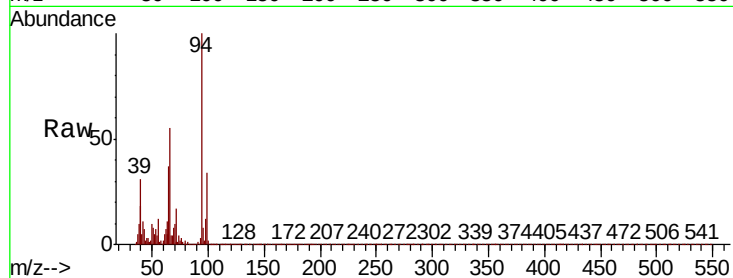
Tot Ion: 94 Resp: 32439

Ion Ratio Lower Upper

94 100

65 37.3 25.6 65.6

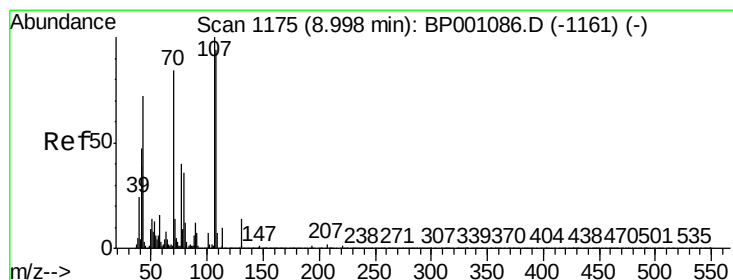
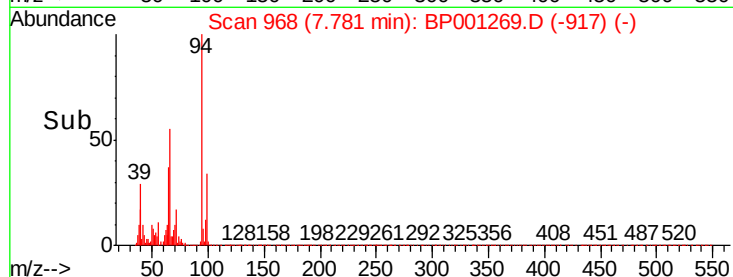
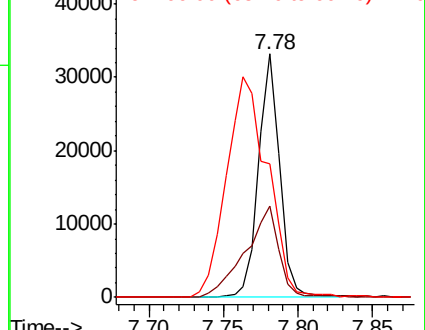
66 55.0 52.6 92.6



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



#19

n-Nitroso-di-n-propylamine

Concen: 13.515 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.21 min

Lab File: BP001269.D

Acq: 07 Dec 2019 22:33

Tgt Ion: 70 Resp: 60759

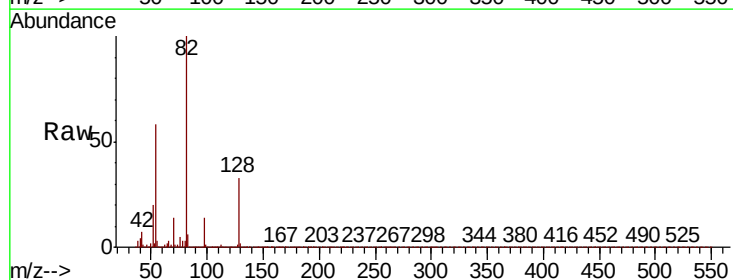
Ion Ratio Lower Upper

70 100

42 50.9 50.6 76.0

101 0.1 7.1 10.7#

130 1.5 13.6 20.4#

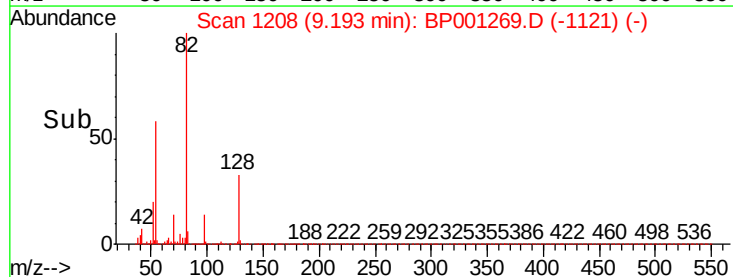
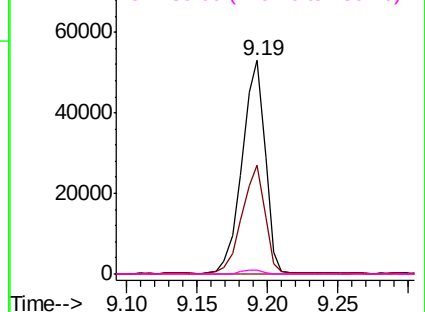


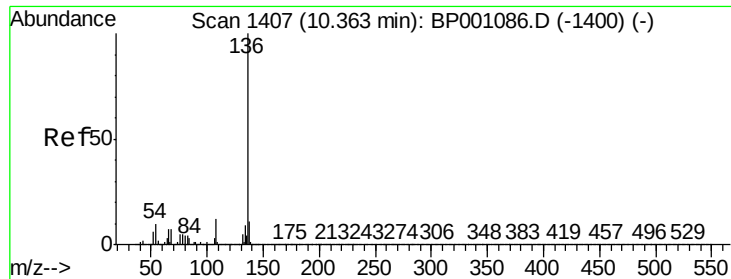
Abundance Ion 70.00 (69.70 to 70.70): BP0

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

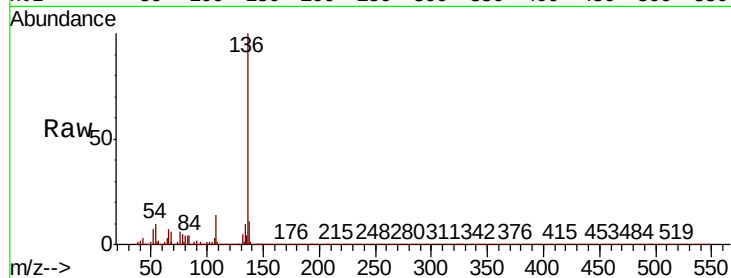




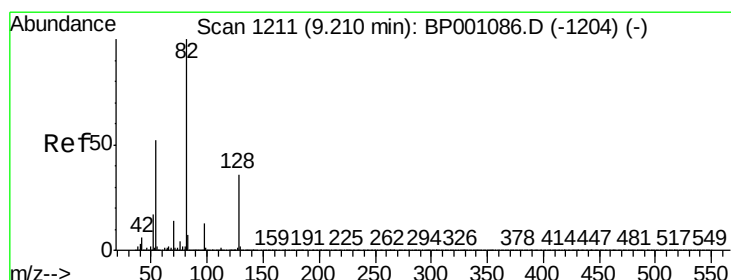
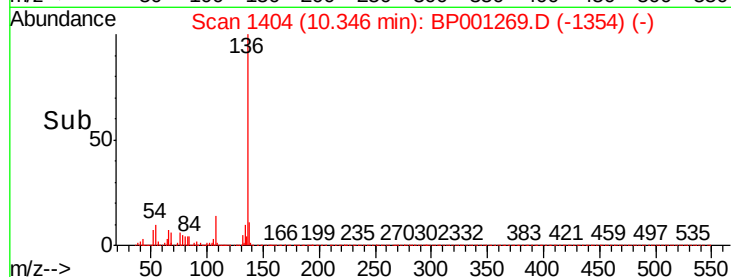
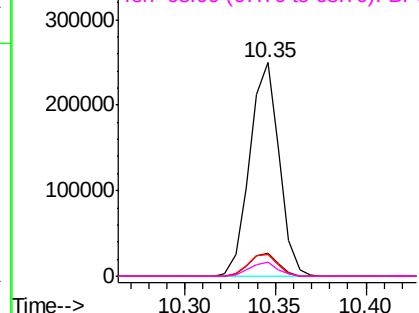
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BP001269.D
Acq: 07 Dec 2019 22:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	281329
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.4	12.6
54 9.9	7.4	11.0
68 6.3	4.6	7.0

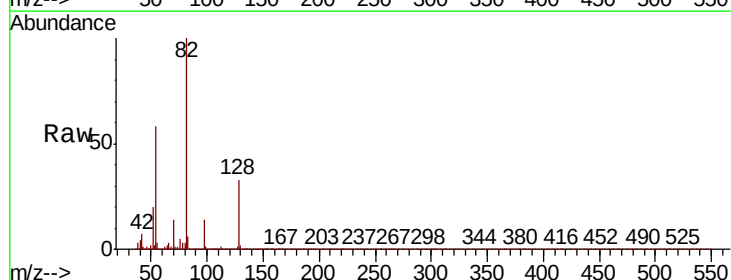


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

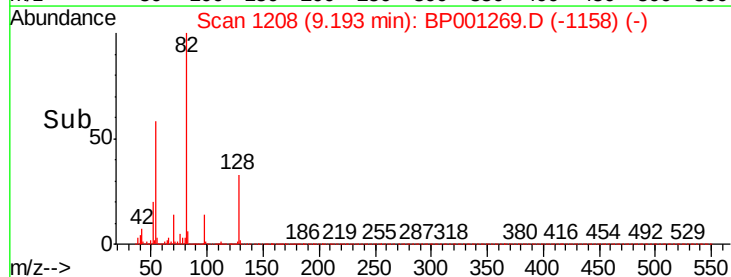
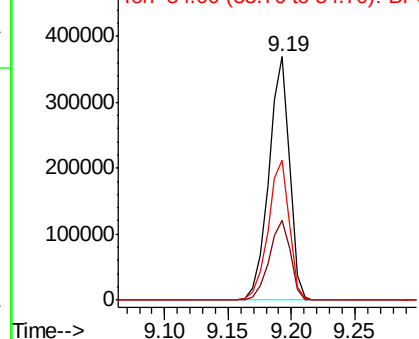


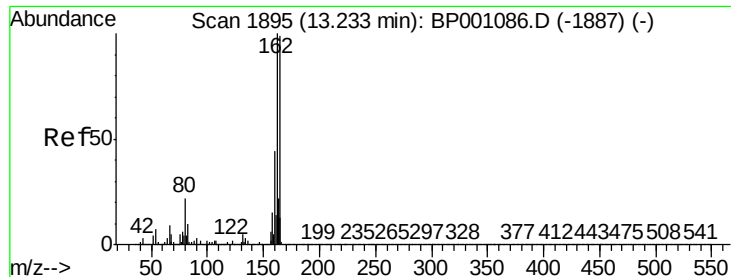
#23
Nitrobenzene-d5
Concen: 64.596 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001269.D
Acq: 07 Dec 2019 22:33

Tgt Ion: 82	Resp:	418865
Ion Ratio	Lower	Upper
82 100		
128 32.8	27.5	41.3
54 57.6	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: BP001269.D

Acq: 07 Dec 2019 22:33

Instrument :

BNA_P

ClientSampleId :

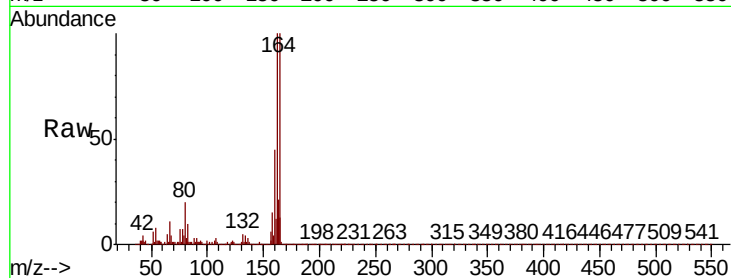
Tot Ion:164 Resp: 154272

Ion Ratio Lower Upper

164 100

162 100.1 80.7 121.1

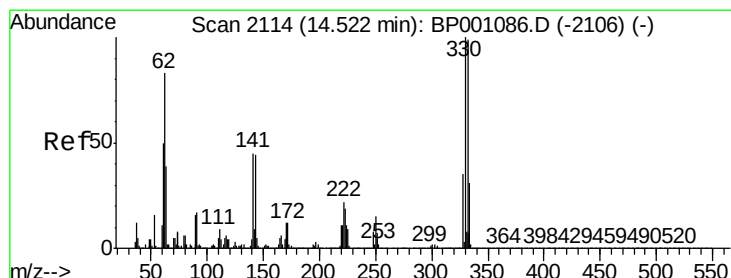
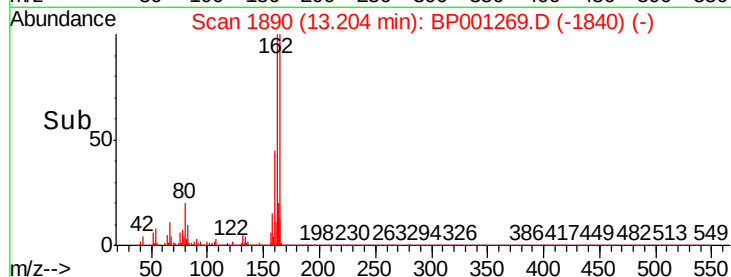
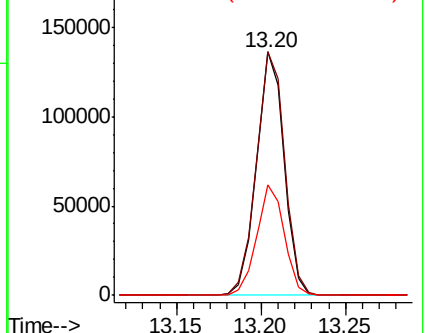
160 45.3 36.3 54.5



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: 13.778 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BP001269.D

Acq: 07 Dec 2019 22:33

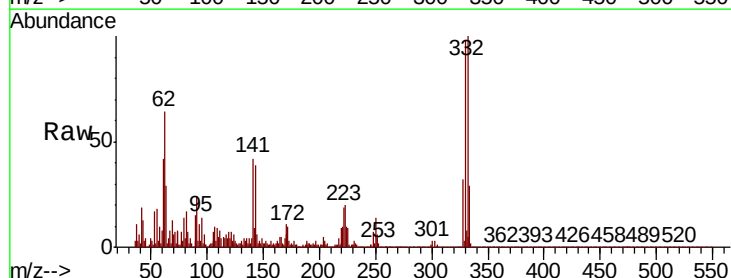
Tgt Ion:330 Resp: 20373

Ion Ratio Lower Upper

330 100

332 93.8 79.1 118.7

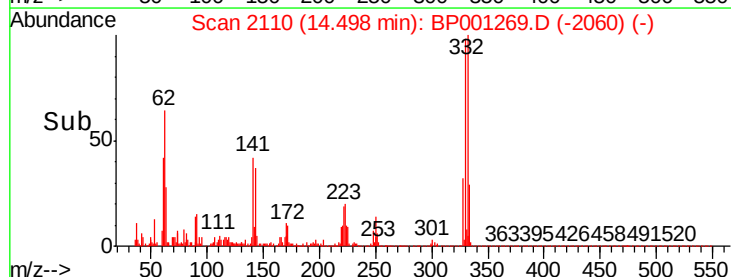
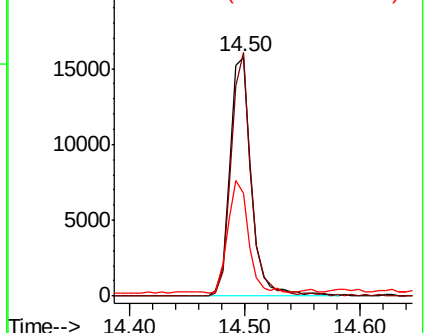
141 45.1 35.9 53.9

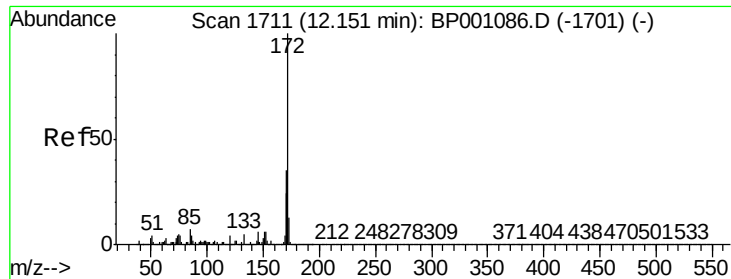


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

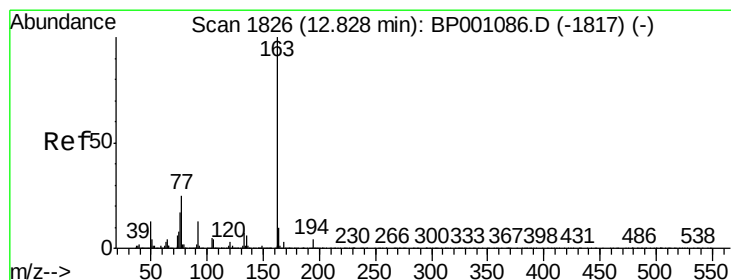
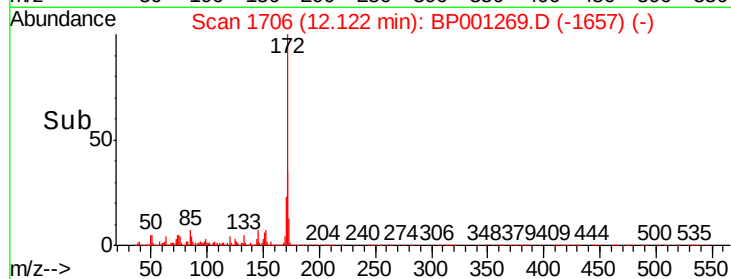
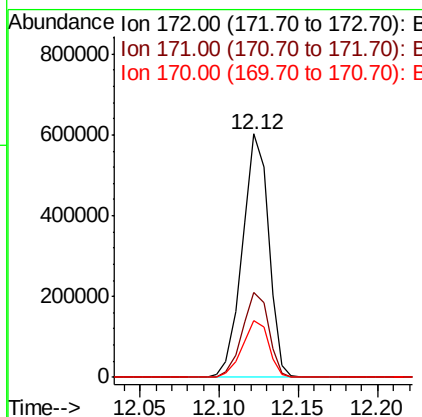
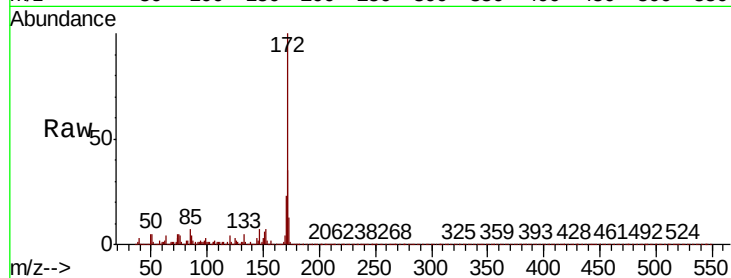




#45
2-Fluorobiphenyl
Concen: 65.535 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001269.D
Acq: 07 Dec 2019 22:33

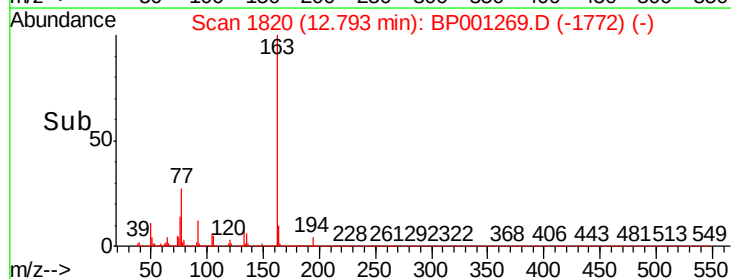
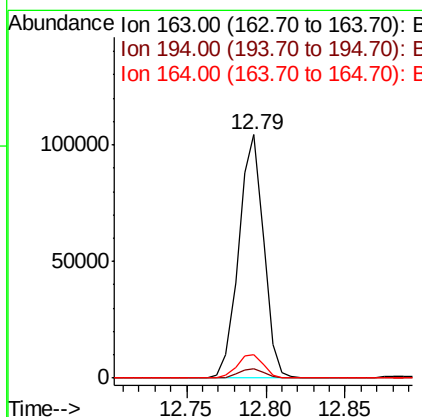
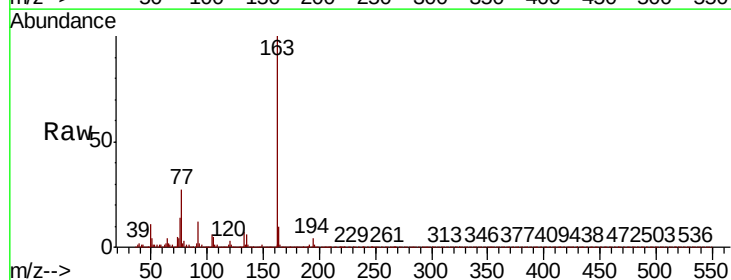
Instrument :
BNA_P
ClientSampleId :

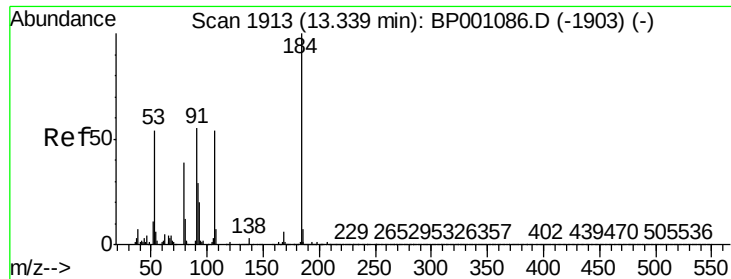
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	23.4	19.2	28.8



#50
Dimethylphthalate
Concen: 9.777 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BP001269.D
Acq: 07 Dec 2019 22:33

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.7	8.2	12.4

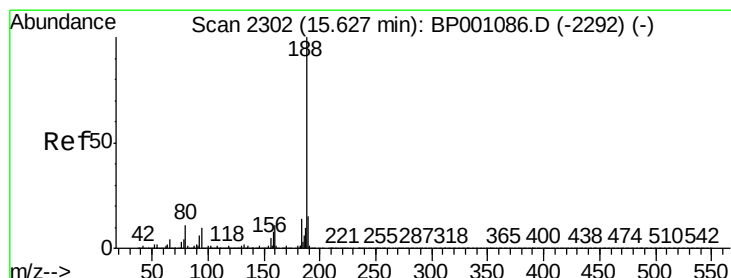
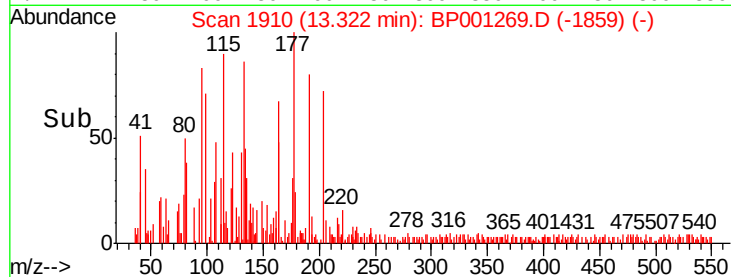
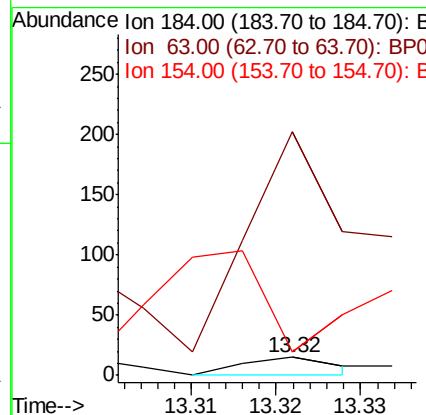
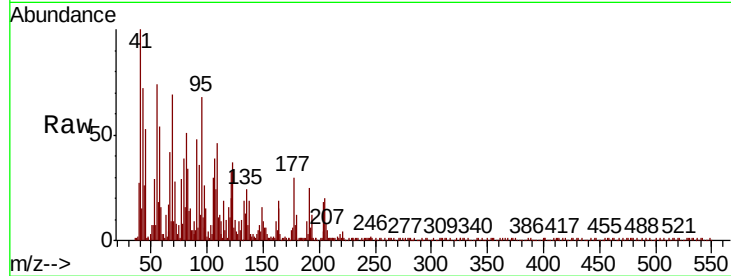




#54
2,4-Dinitrophenol
Concen: 7.120 ng
RT: 13.32 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BP001269.D
Acq: 07 Dec 2019 22:33

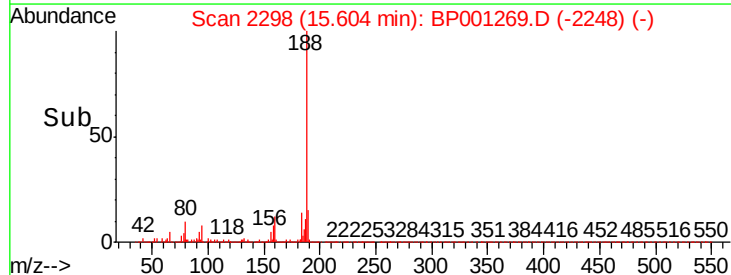
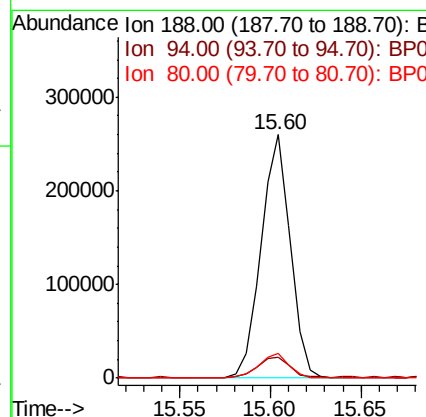
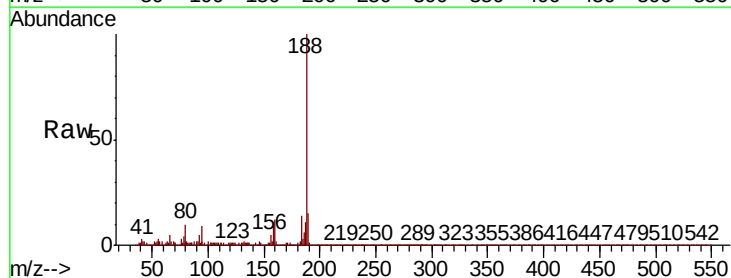
Instrument :
BNA_P
ClientSampled :

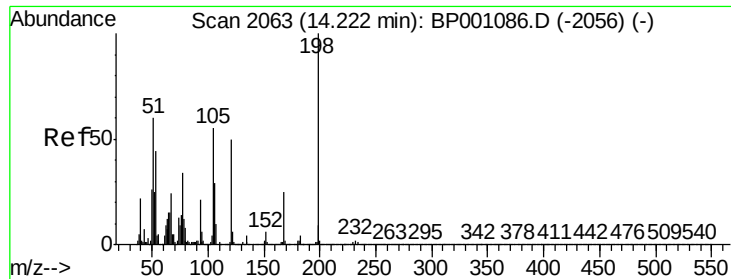
Tot Ion:184 Resp: 12
Ion Ratio Lower Upper
184 100
63 1346.7 69.4 104.0#
154 133.3 57.4 86.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001269.D
Acq: 07 Dec 2019 22:33

Tgt Ion:188 Resp: 288751
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 10.0 7.8 11.6

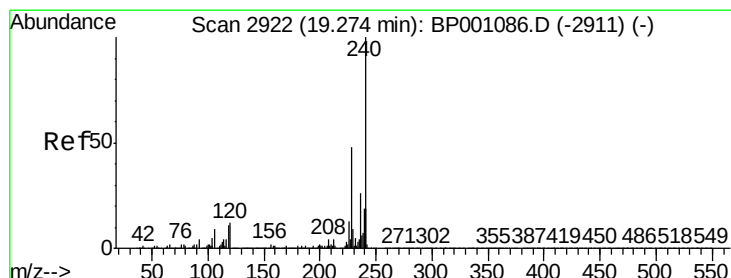
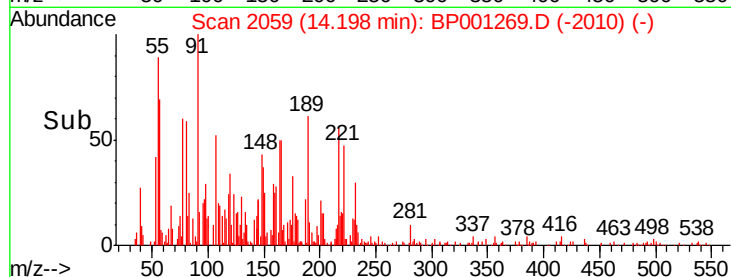
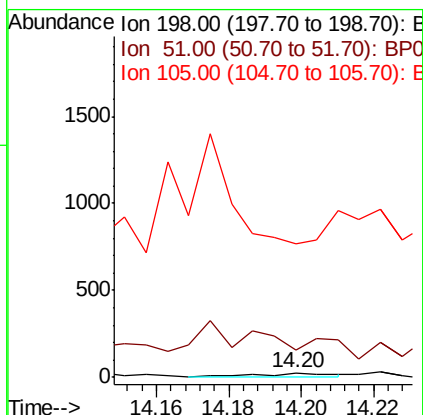
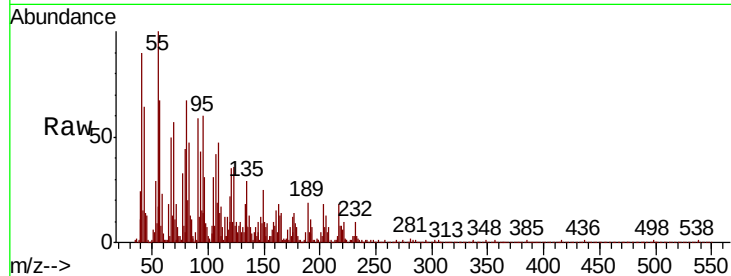




#65
4,6-Dinitro-2-methylphenol
Concen: 6.302 ng
RT: 14.20 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BP001269.D
Acq: 07 Dec 2019 22:33

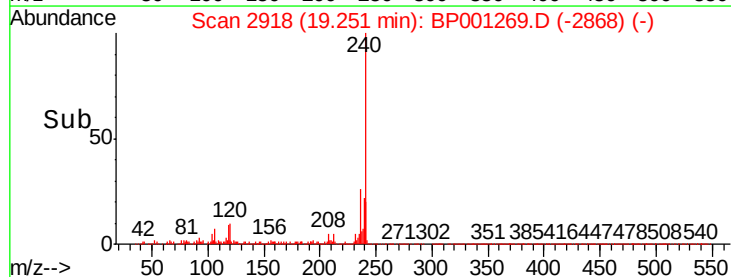
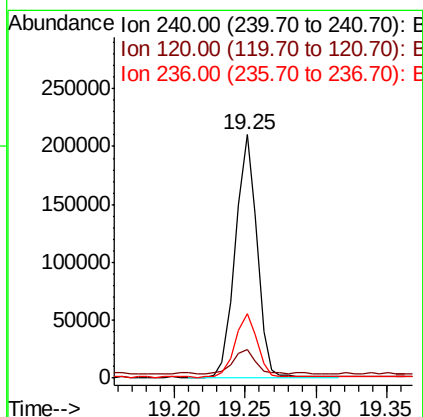
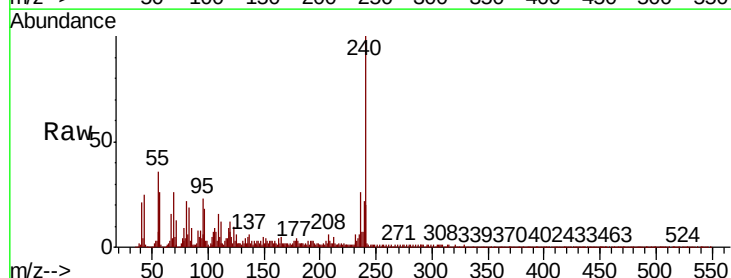
Instrument :
BNA_P
ClientSampled :

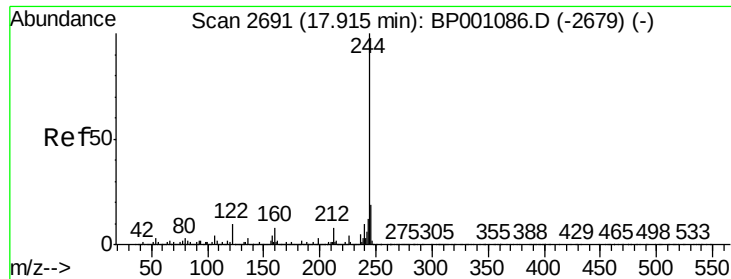
Tot Ion:198 Resp: 37
Ion Ratio Lower Upper
198 100
51 346.7 36.2 76.2#
105 1706.7 30.2 70.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BP001269.D
Acq: 07 Dec 2019 22:33

Tgt Ion:240 Resp: 222487
Ion Ratio Lower Upper
240 100
120 11.6 7.0 10.6#
236 26.3 21.7 32.5





#79

Terphenyl-d14

Concen: 63.137 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.00 min

Lab File: BP001269.D

Acq: 07 Dec 2019 22:33

Instrument :

BNA_P

ClientSampleId :

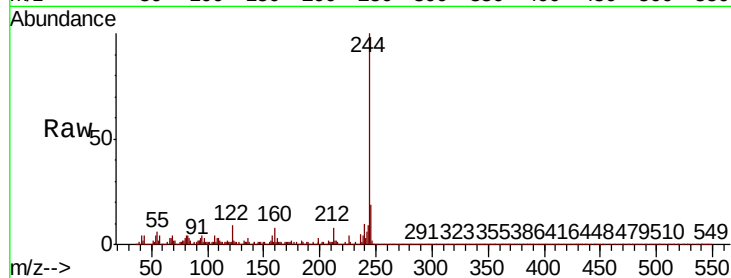
Tot Ion:244 Resp: 759265

Ion Ratio Lower Upper

244 100

212 8.4 6.6 9.8

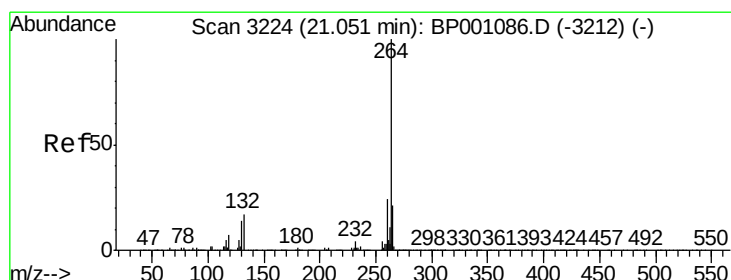
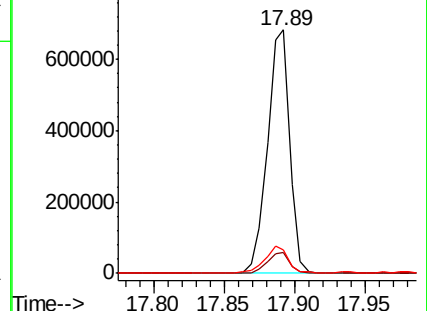
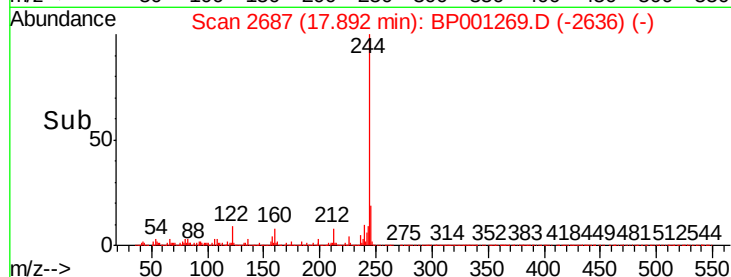
122 9.5 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.03 min Scan# 3221

Delta R.T. 0.01 min

Lab File: BP001269.D

Acq: 07 Dec 2019 22:33

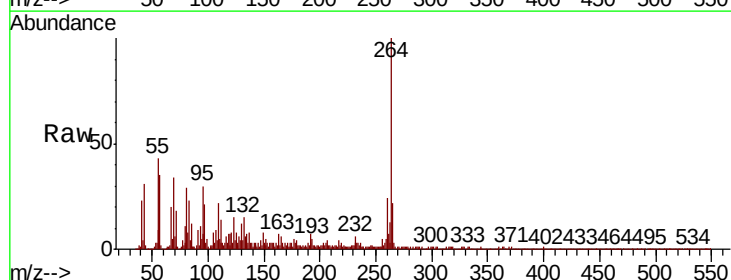
Tgt Ion:264 Resp: 250973

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.0

265 22.2 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

