

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
 Data File : BP001319.D
 Acq On : 11 Dec 2019 18:58
 Operator : JU
 Sample : K6204-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 K072-AB-WC-1

Quant Time: Dec 12 06:41:39 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

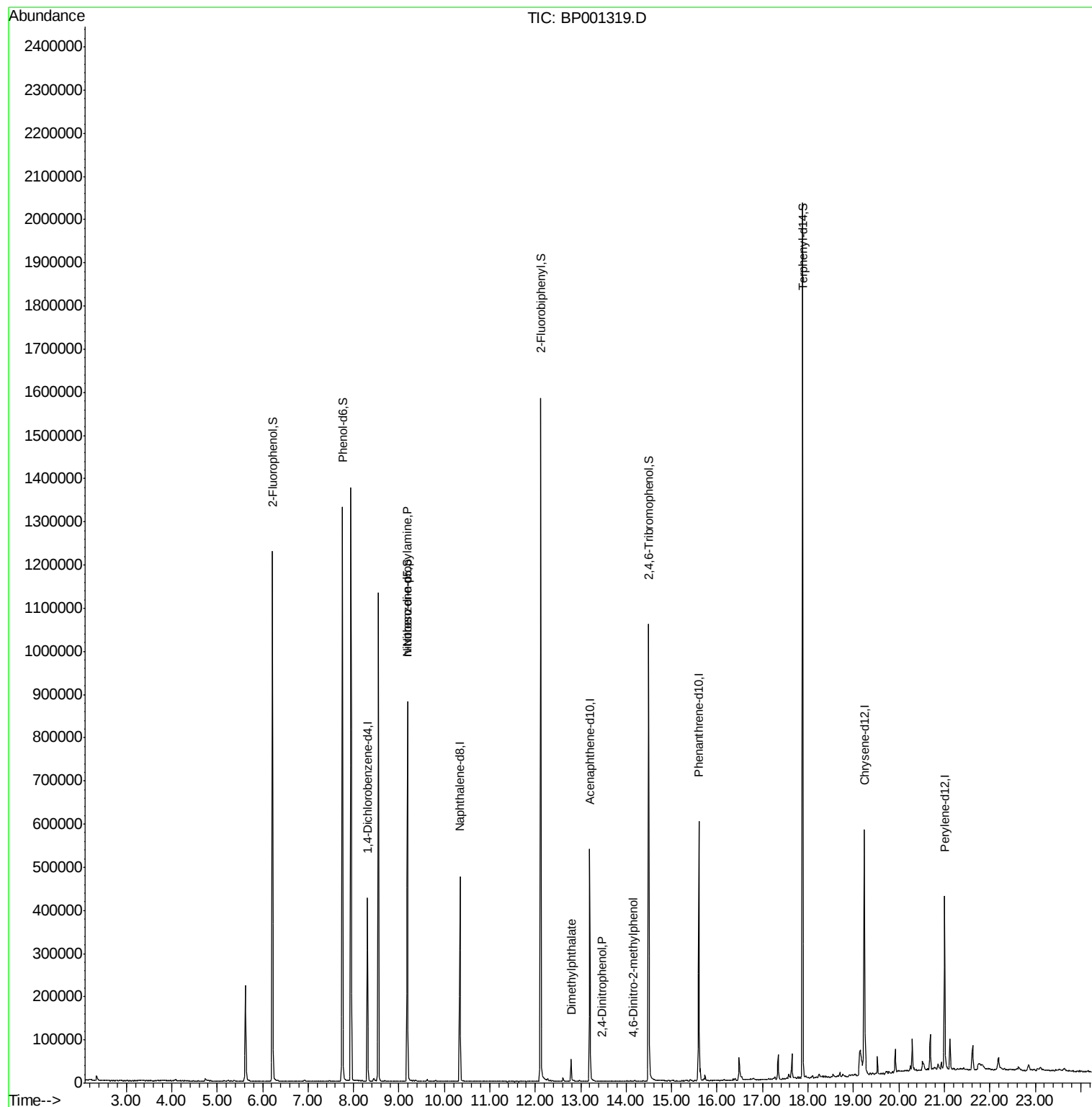
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	67773	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	242107	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	141707	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	271280	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	201591	20.00	ng	-0.02
87) Perylene-d12	21.01	264	208344	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	359506	88.01	ng	0.00
7) Phenol-d6	7.76	99	488941	89.84	ng	0.00
23) Nitrobenzene-d5	9.19	82	348354	62.43	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	137339	101.11	ng	-0.01
45) 2-Fluorobiphenyl	12.12	172	610539	63.06	ng	-0.02
79) Terphenyl-d14	17.88	244	737126	67.65	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.60	77	49	Below Cal		Qvalue # 35
19) n-Nitroso-di-n-propylamine	9.19	70	51519	13.119 ng		# 78
50) Dimethylphthalate	12.79	163	25156	2.374 ng		99
54) 2,4-Dinitrophenol	13.45	184	18	7.127 ng		92
65) 4,6-Dinitro-2-methylphenol	14.15	198	13	6.286 ng		# 1

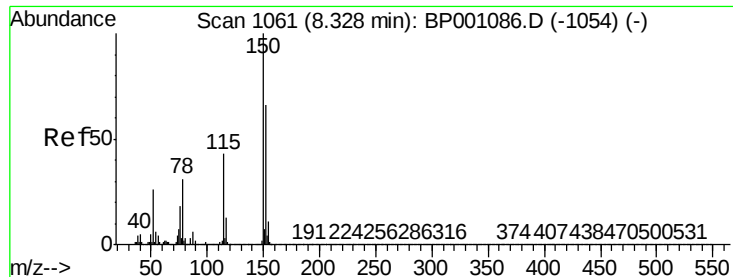
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
Data File : BP001319.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Time: Dec 12 06:41:39 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: BP001319.D

Acq: 11 Dec 2019 18:58

Instrument :

BNA_P

ClientSampleId :

K072-AB-WC-1

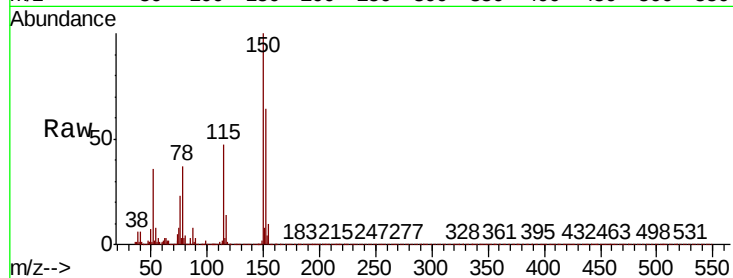
Tot Ion:152 Resp: 67773

Ion Ratio Lower Upper

152 100

150 155.8 127.3 190.9

115 72.7 56.0 84.0

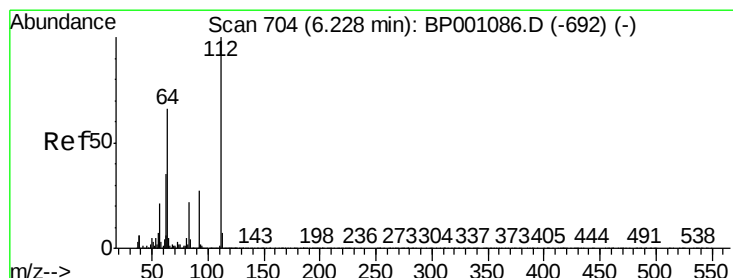
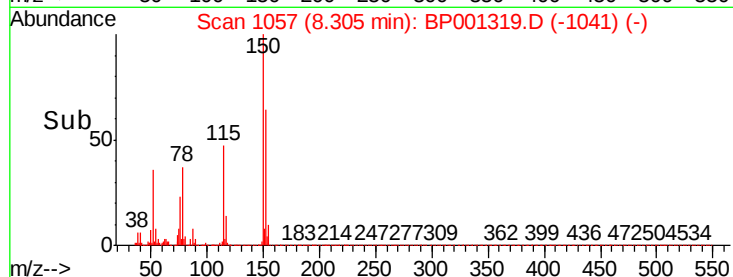
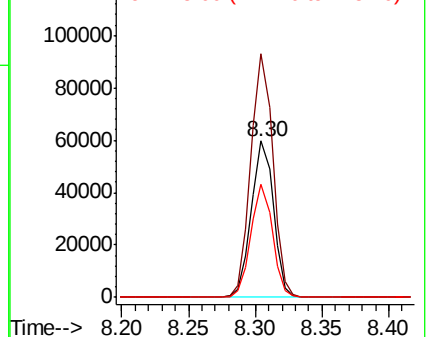


Abundance

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: 88.007 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BP001319.D

Acq: 11 Dec 2019 18:58

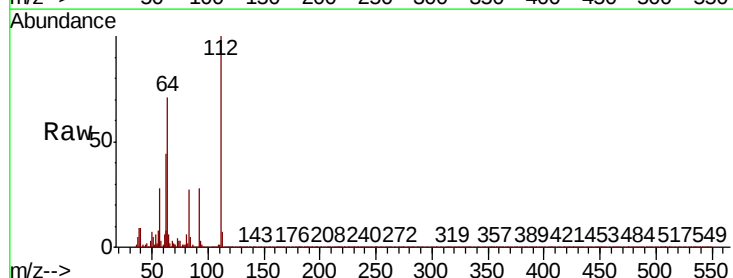
Tgt Ion:112 Resp: 359506

Ion Ratio Lower Upper

112 100

64 70.8 56.8 85.2

63 43.8 32.2 48.2

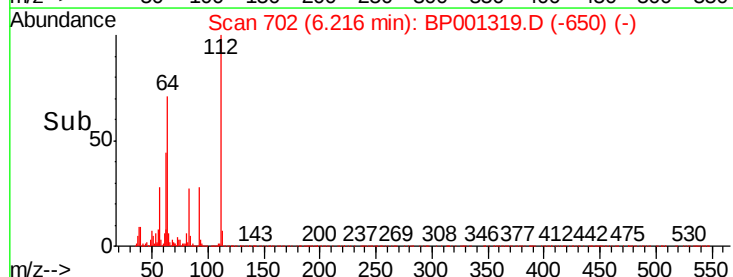
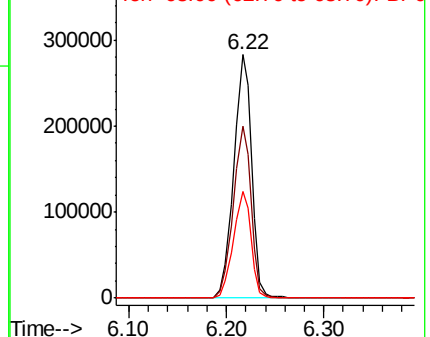


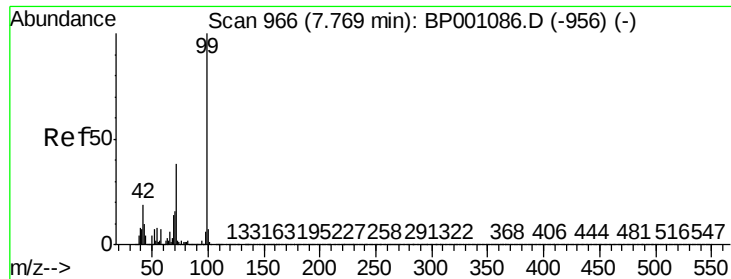
Abundance

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: 89.843 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001319.D

Acq: 11 Dec 2019 18:58

Instrument :

BNA_P

ClientSampleId :

K072-AB-WC-1

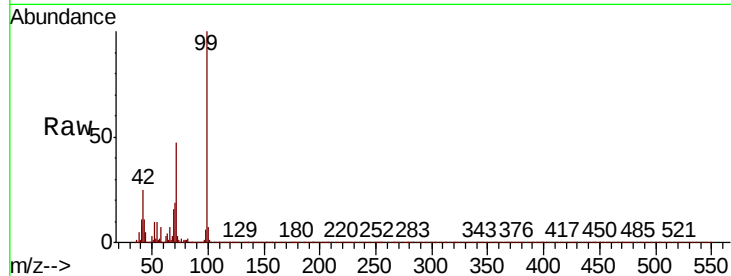
Tot Ion: 99 Resp: 488941

Ion Ratio Lower Upper

99 100

42 24.9 17.6 26.4

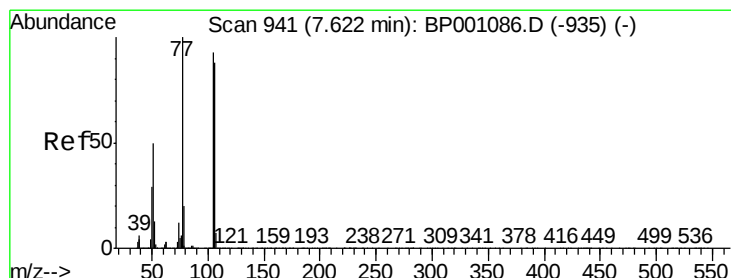
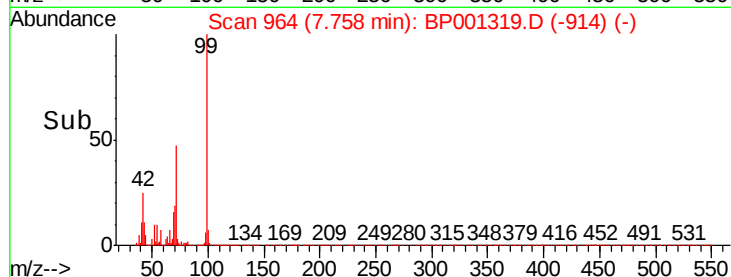
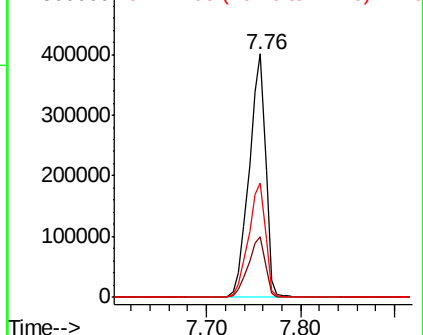
71 47.2 33.8 50.8



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: 7.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BP001319.D

Acq: 11 Dec 2019 18:58

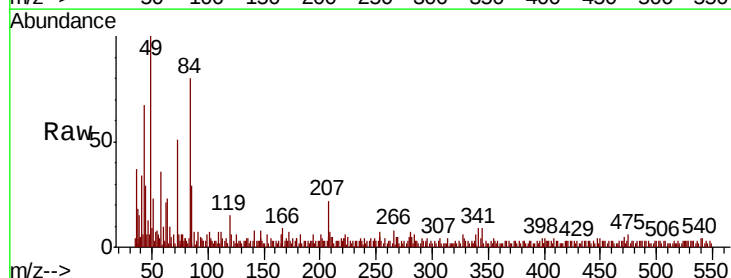
Tgt Ion: 77 Resp: 49

Ion Ratio Lower Upper

77 100

105 31.0 69.7 109.7#

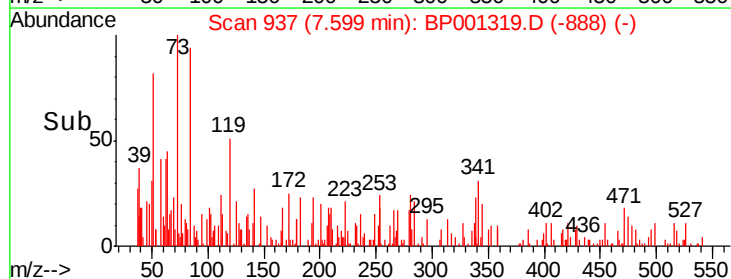
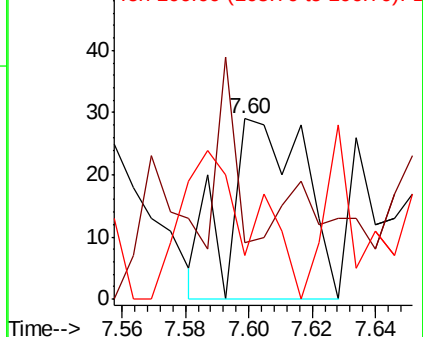
106 24.1 67.1 107.1#

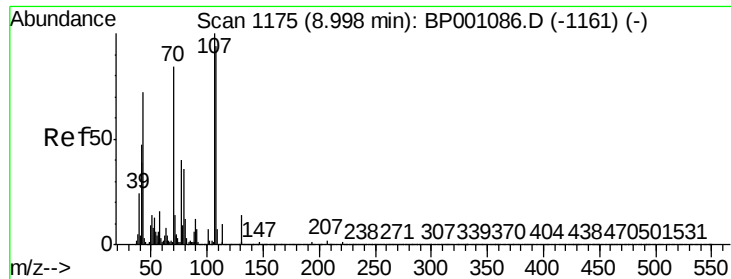


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

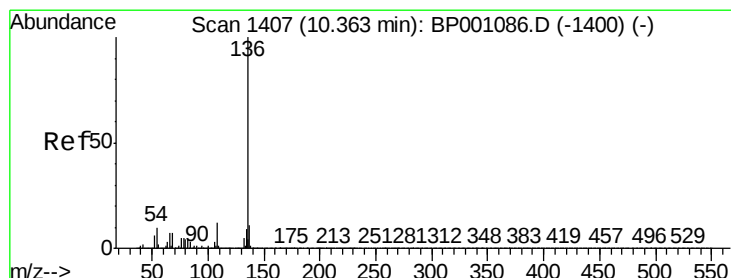
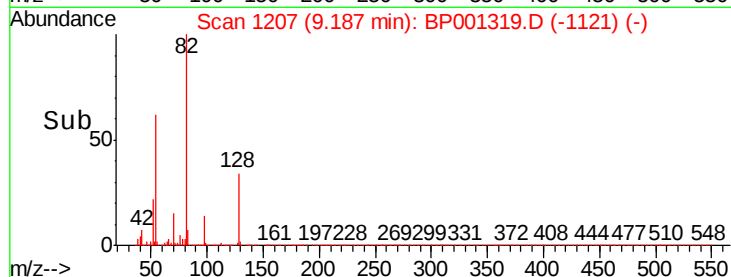
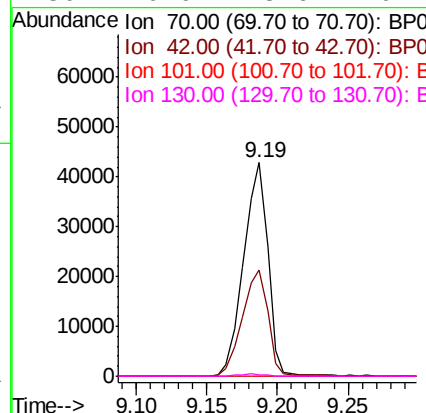
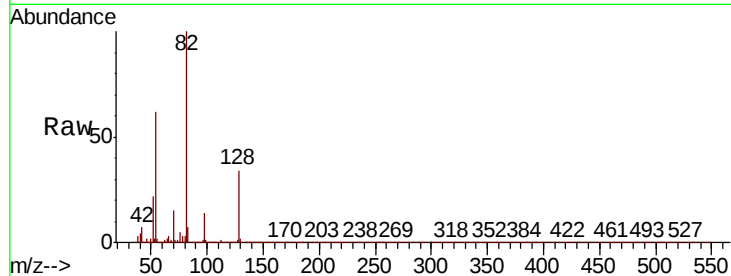




#19
n-Nitroso-di-n-propylamine
Concen: 13.119 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.21 min
Lab File: BP001319.D
Acq: 11 Dec 2019 18:58

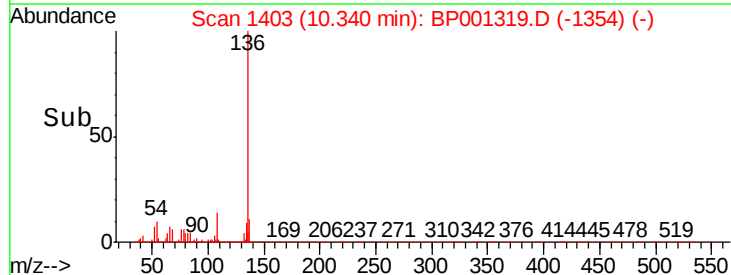
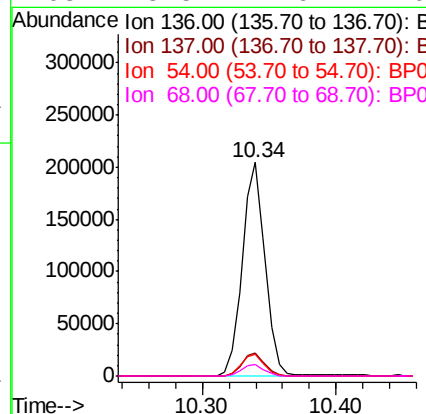
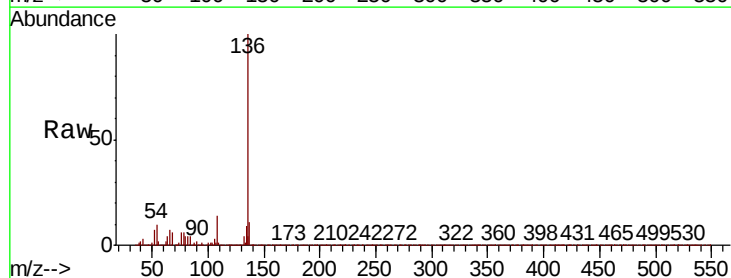
Instrument :
BNA_P
ClientSampleId :
K072-AB-WC-1

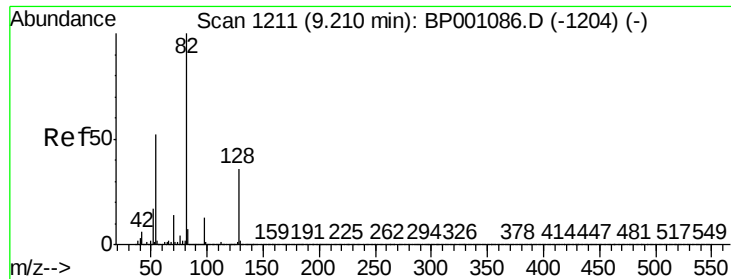
Tot Ion:	70	Resp:	51519
Ion Ratio	Lower	Upper	
70	100		
42	49.9	50.6	76.0#
101	0.0	7.1	10.7#
130	0.9	13.6	20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001319.D
Acq: 11 Dec 2019 18:58

Tgt Ion:	136	Resp:	242107
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.4	12.6
54	10.3	7.4	11.0
68	5.5	4.6	7.0

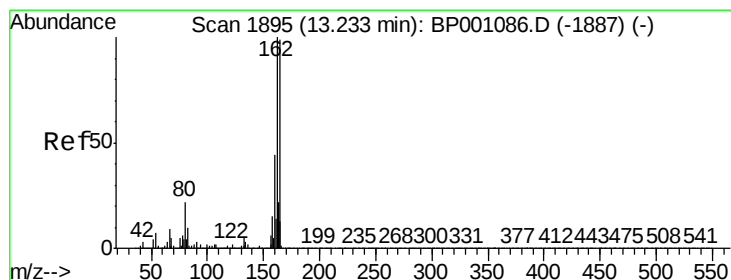
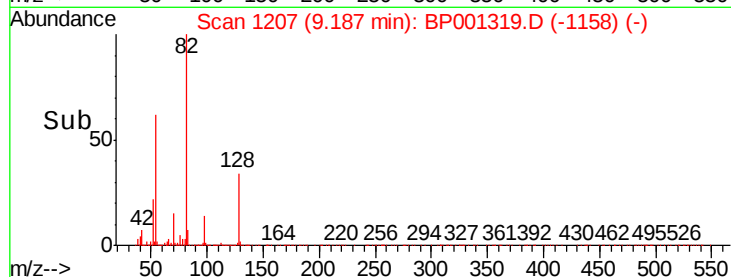
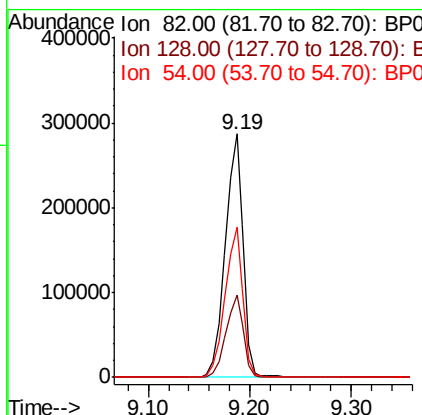
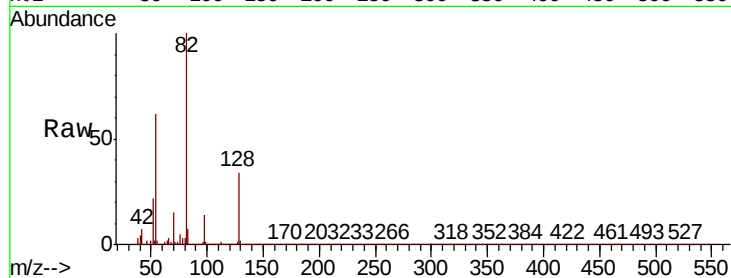




#23
Nitrobenzene-d5
Concen: 62.425 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001319.D
Acq: 11 Dec 2019 18:58

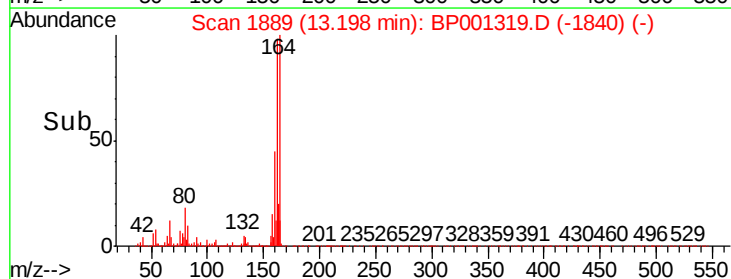
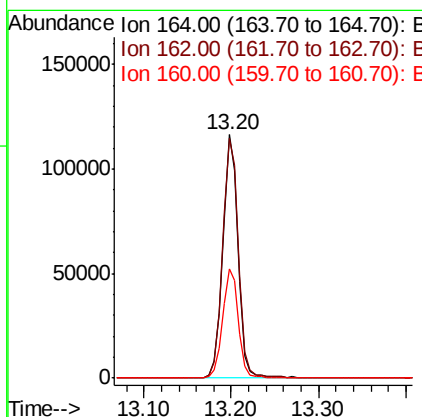
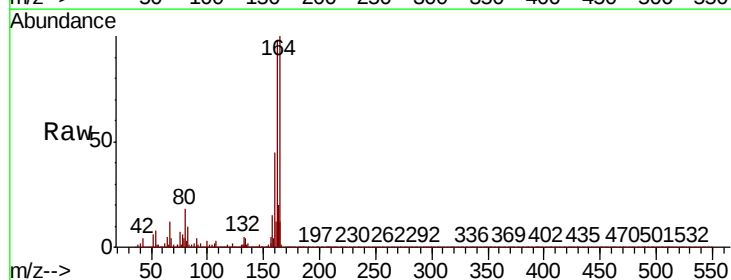
Instrument :
BNA_P
ClientSampleId :
K072-AB-WC-1

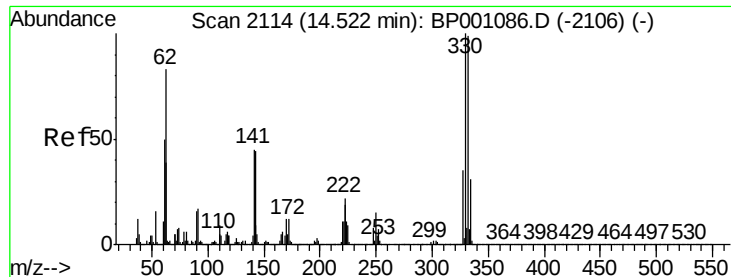
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	27.5	41.3
54	61.6	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001319.D
Acq: 11 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.7	121.1
160	44.8	36.3	54.5

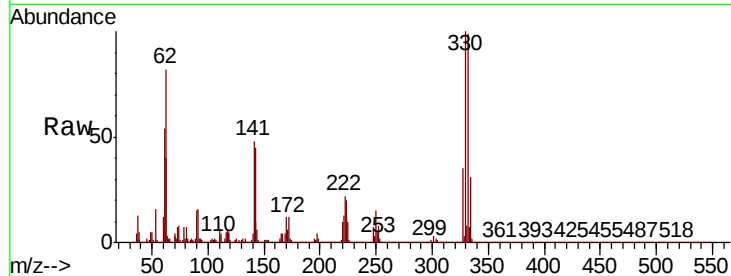




#42
2,4,6-Tribromophenol
Concen: 101.114 ng
RT: 14.49 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BP001319.D
Acq: 11 Dec 2019 18:58

Instrument :
BNA_P
ClientSampleId :
K072-AB-WC-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	79.1	118.7
141	45.0	35.9	53.9

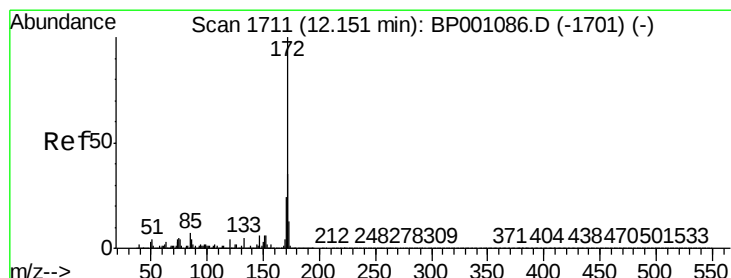
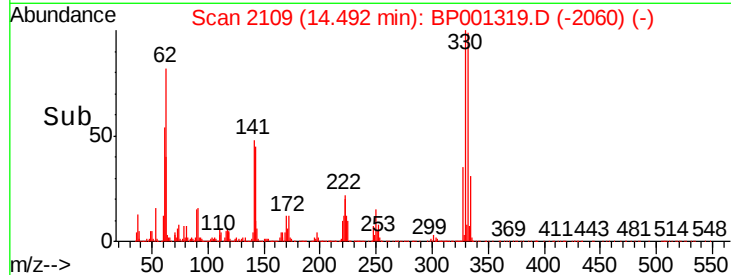
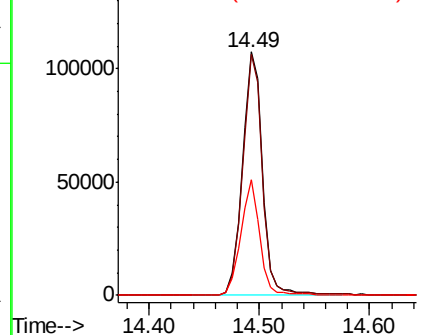


Abundance

Ion 329.80 (329.50 to 330.50): E

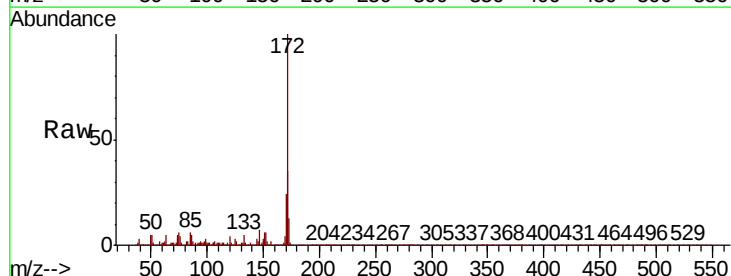
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 63.058 ng
RT: 12.12 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BP001319.D
Acq: 11 Dec 2019 18:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.7	43.1
170	23.6	19.2	28.8

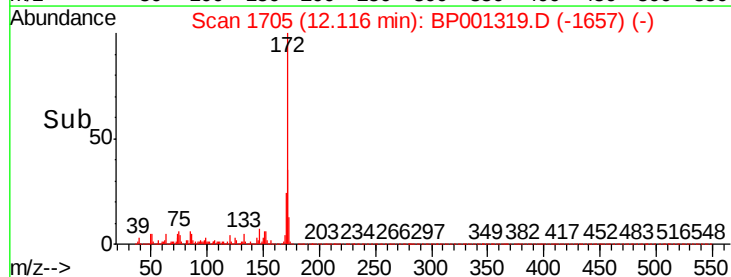
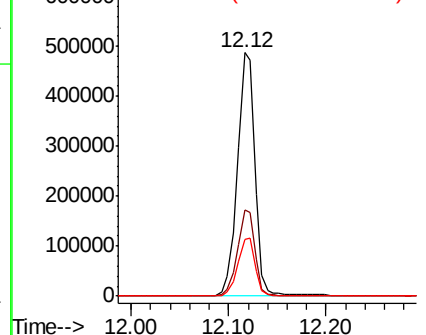


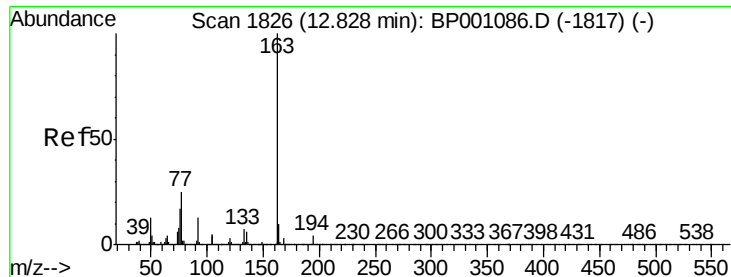
Abundance

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: 2.374 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BP001319.D

Acq: 11 Dec 2019 18:58

Instrument :

BNA_P

ClientSampleId :

K072-AB-WC-1

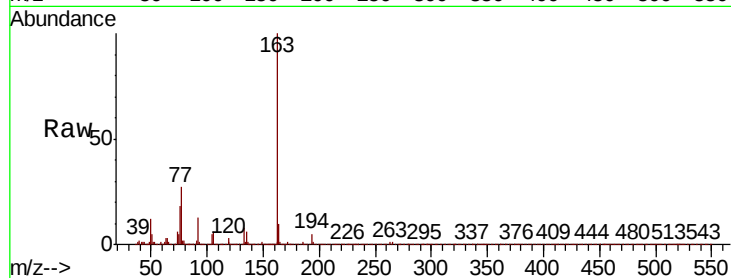
Tot Ion:163 Resp: 25156

Ion Ratio Lower Upper

163 100

194 4.6 3.1 4.7

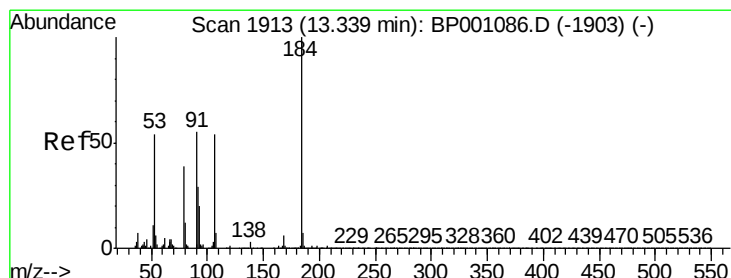
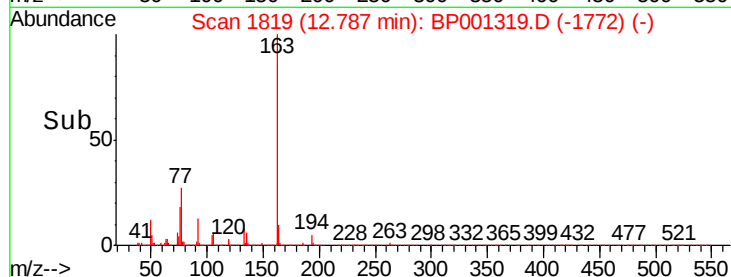
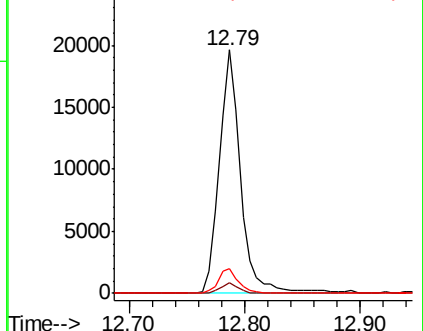
164 10.2 8.2 12.4



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: 7.127 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.13 min

Lab File: BP001319.D

Acq: 11 Dec 2019 18:58

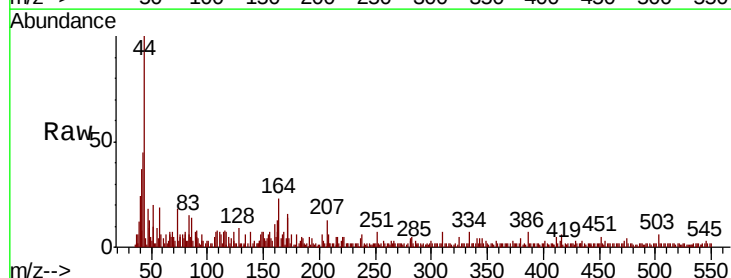
Tgt Ion:184 Resp: 18

Ion Ratio Lower Upper

184 100

63 81.0 69.4 104.0

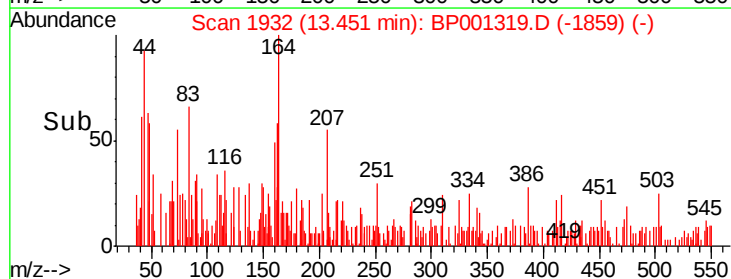
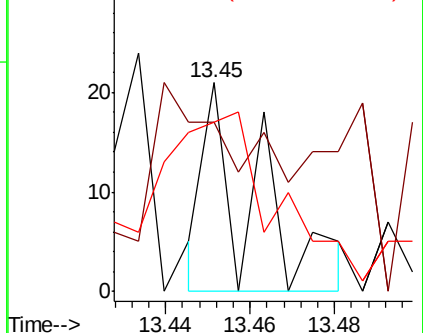
154 81.0 57.4 86.2

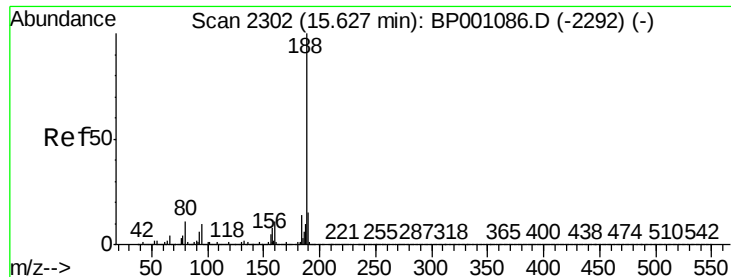


Abundance Ion 184.00 (183.70 to 184.70): E

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: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001319.D

Acq: 11 Dec 2019 18:58

Instrument :

BNA_P

ClientSampleId :

K072-AB-WC-1

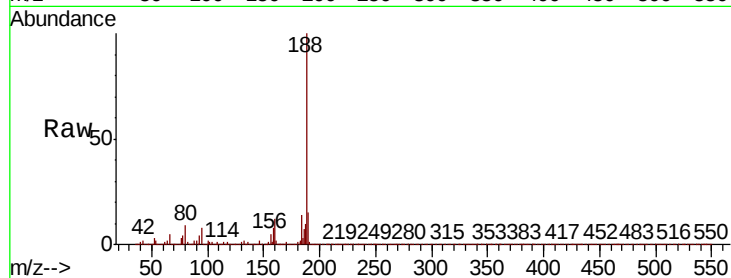
Tot Ion:188 Resp: 271280

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

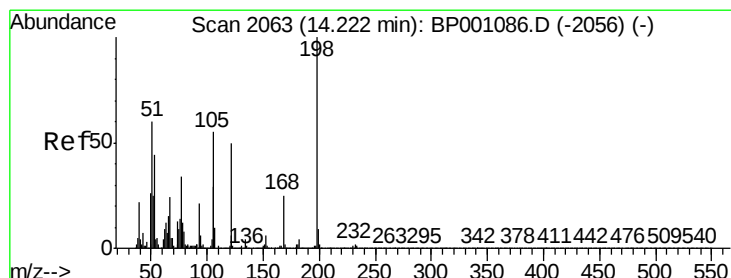
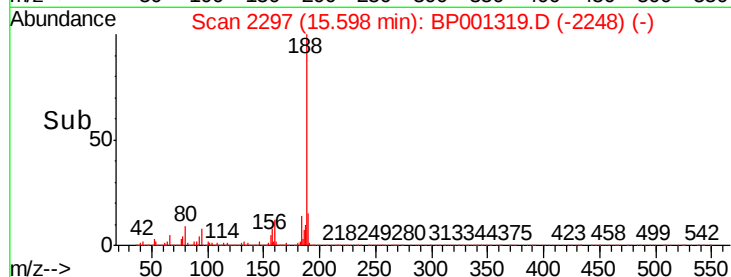
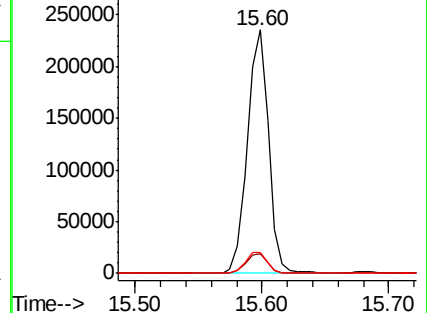
80 8.6 7.8 11.6



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: 6.286 ng

RT: 14.15 min Scan# 2050

Delta R.T. -0.06 min

Lab File: BP001319.D

Acq: 11 Dec 2019 18:58

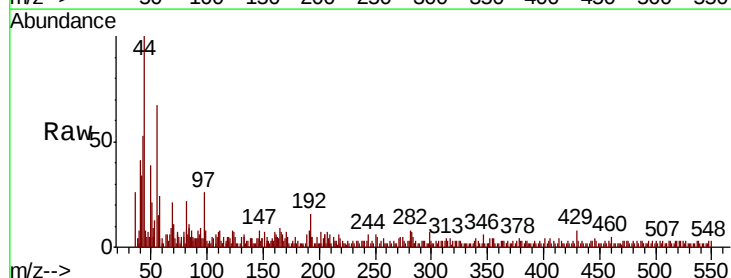
Tgt Ion:198 Resp: 13

Ion Ratio Lower Upper

198 100

51 447.1 36.2 76.2#

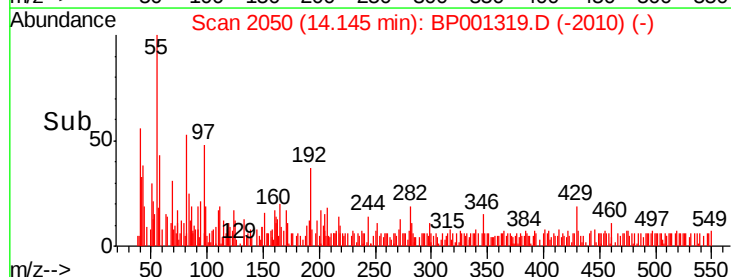
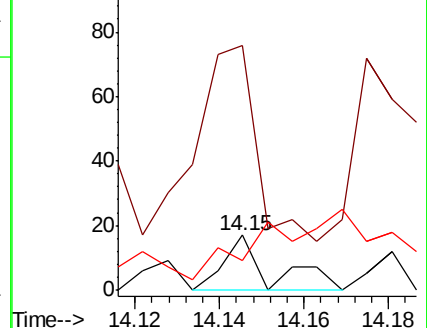
105 52.9 30.2 70.2

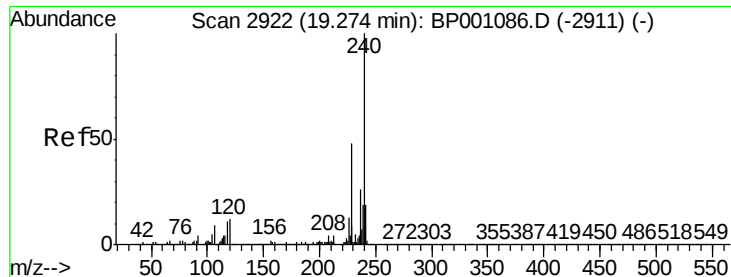


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

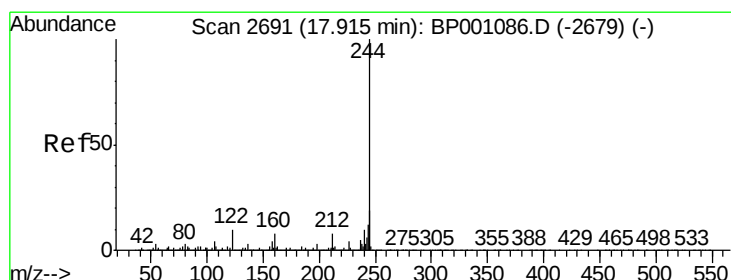
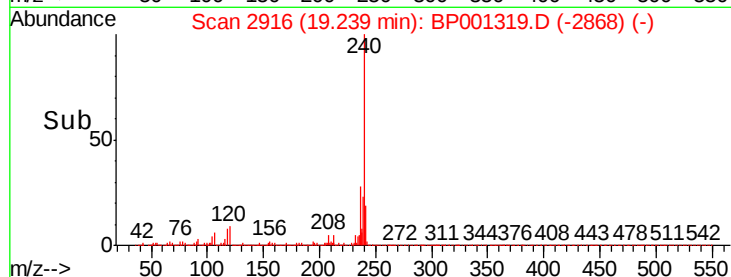
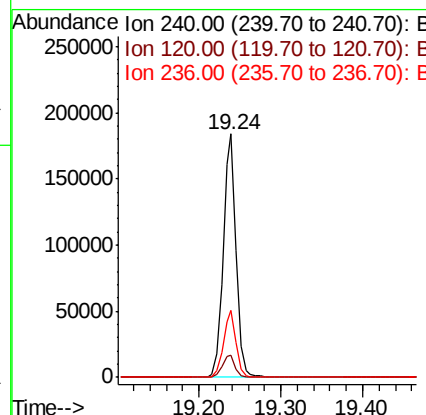
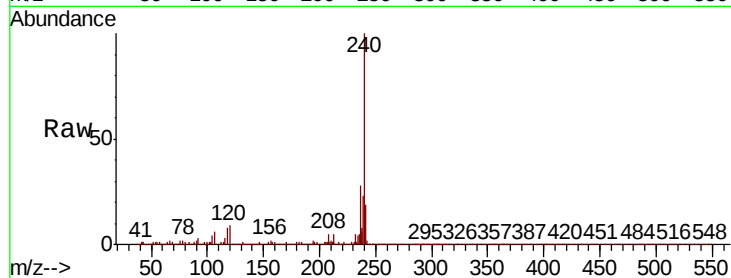




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001319.D
Acq: 11 Dec 2019 18:58

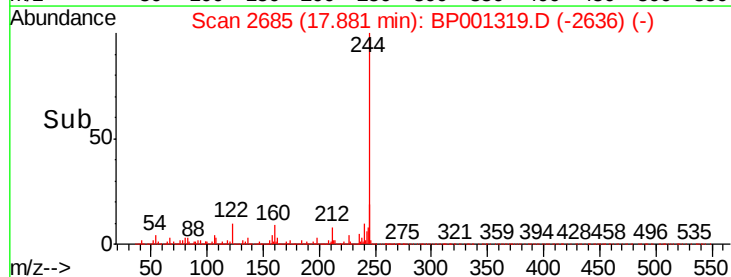
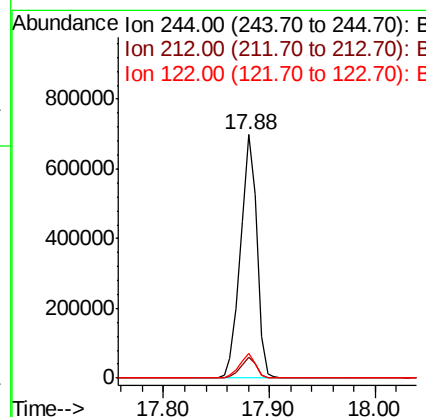
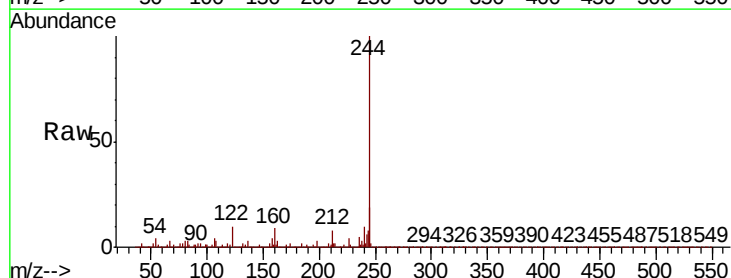
Instrument :
BNA_P
ClientSampleId :
K072-AB-WC-1

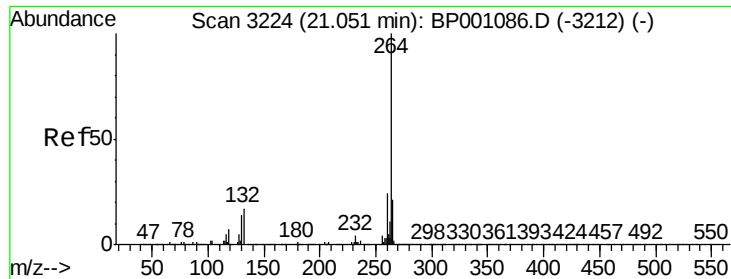
Tot Ion:240 Resp: 201591
Ion Ratio Lower Upper
240 100
120 9.4 7.0 10.6
236 27.6 21.7 32.5



#79
Terphenyl-d14
Concen: 67.649 ng
RT: 17.88 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BP001319.D
Acq: 11 Dec 2019 18:58

Tgt Ion:244 Resp: 737126
Ion Ratio Lower Upper
244 100
212 8.4 6.6 9.8
122 9.9 9.2 13.8

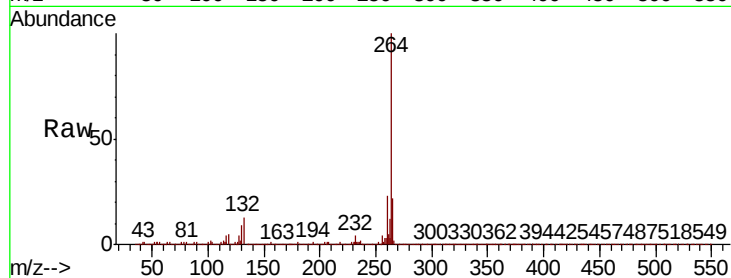




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BP001319.D
Acq: 11 Dec 2019 18:58

Instrument :
BNA_P
ClientSampleId :
K072-AB-WC-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.4	29.0
265	21.8	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

