

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001382.D
 Acq On : 23 Dec 2019 22:37
 Operator : JU
 Sample : K6312-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 24 01:34:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	40721	20.00	ng	0.01
21) Naphthalene-d8	10.34	136	146518	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	77635	20.00	ng	0.06
64) Phenanthrene-d10	15.69	188	90101	20.00	ng	0.09
76) Chrysene-d12	19.28	240	157765	20.00	ng	0.04
87) Perylene-d12	21.04	264	156080	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.23	112	86483	34.32	ng	0.03
7) Phenol-d6	7.76	99	73087	22.23	ng	0.01
23) Nitrobenzene-d5	9.19	82	255639	67.00	ng	0.00
42) 2,4,6-Tribromophenol	14.59	330	51697	53.26	ng	0.09
45) 2-Fluorobiphenyl	12.15	172	310301	50.54	ng	0.04
79) Terphenyl-d14	17.92	244	542764	58.92	ng	0.03

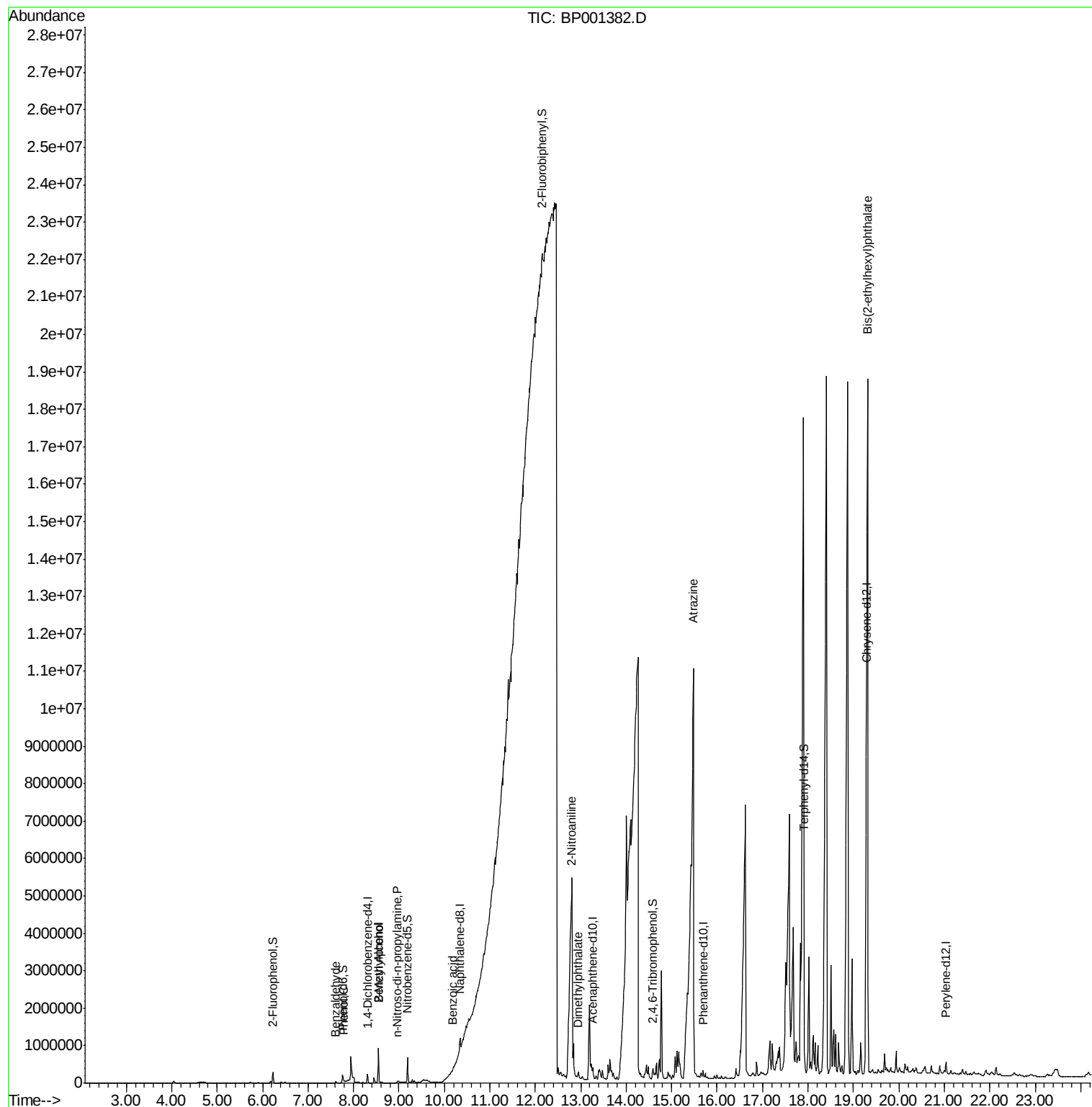
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.61	77	11679	5.064	ng	94
10) Phenol	7.78	94	9415	2.506	ng	81
15) Benzyl Alcohol	8.55	79	42491	13.774	ng	96
17) 2-Methylphenol	8.55	107	16985	7.588	ng	# 1
19) n-Nitroso-di-n-propylamine	8.96	70	5237	2.244	ng	# 38
32) Benzoic acid	10.18	122	432274	248.083	ng	98
48) 2-Nitroaniline	12.79	65	25797	12.266	ng	# 21
50) Dimethylphthalate	12.94	163	15502	2.434	ng	# 95
69) Atrazine	15.48	200	35186	34.293	ng	# 55
84) Bis(2-ethylhexyl)phthalate	19.32	149	17936	2.140	ng	# 71

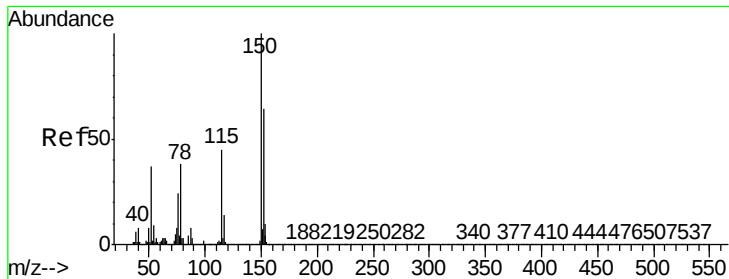
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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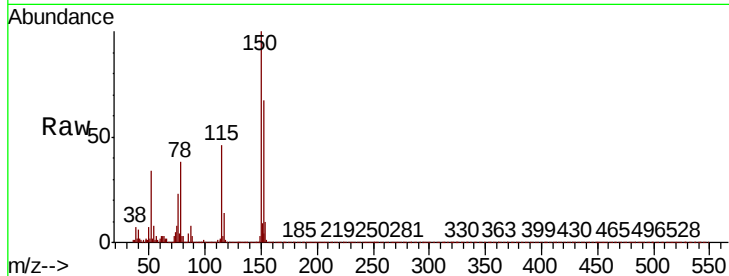




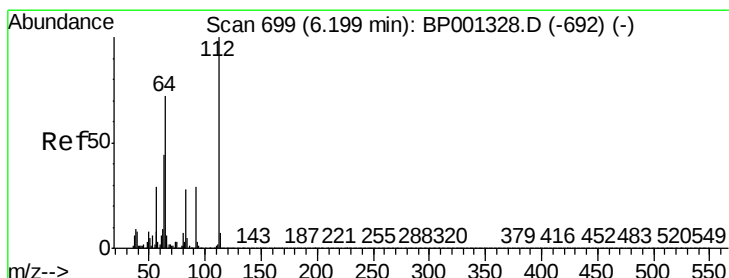
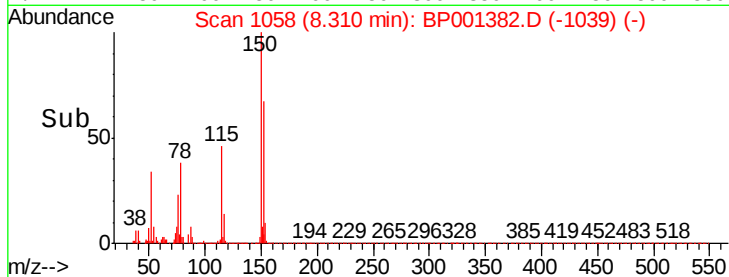
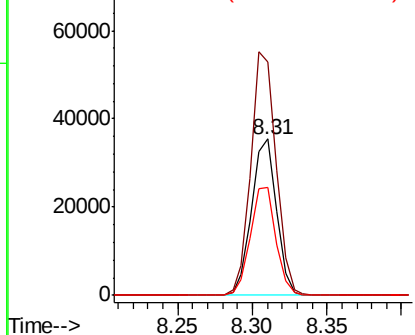
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.01 min
Lab File: BP001382.D
Acq: 23 Dec 2019 22:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	152	Resp:	40721
Ion	Ratio	Lower	Upper
152	100		
150	149.2	124.0	186.0
115	69.3	59.3	88.9

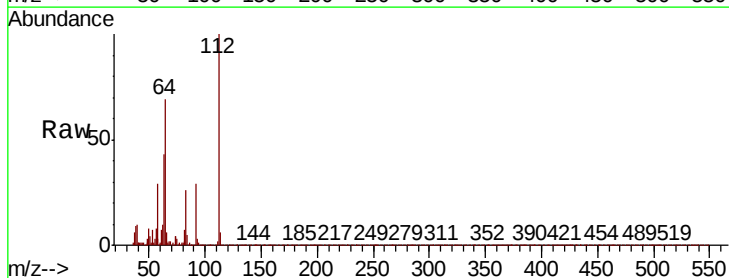


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

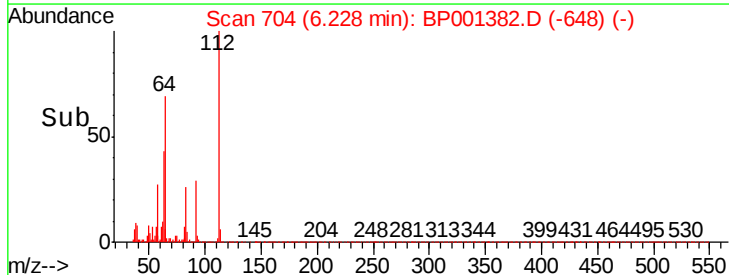
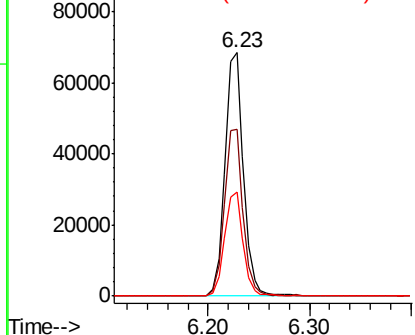


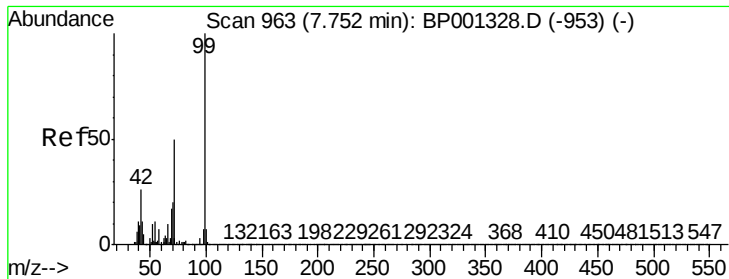
#5
2-Fluorophenol
Concen: 34.325 ng
RT: 6.23 min Scan# 704
Delta R.T. 0.03 min
Lab File: BP001382.D
Acq: 23 Dec 2019 22:37

Tgt Ion:	112	Resp:	86483
Ion	Ratio	Lower	Upper
112	100		
64	68.7	57.6	86.4
63	42.8	35.1	52.7



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: 22.230 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BP001382.D

Acq: 23 Dec 2019 22:37

Instrument :

BNA_P

ClientSampleId :

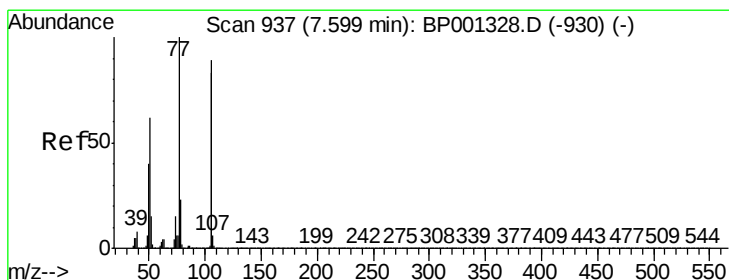
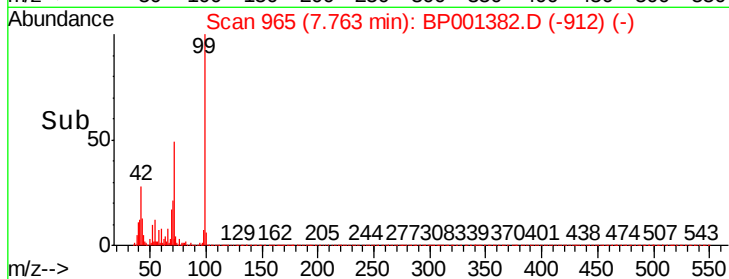
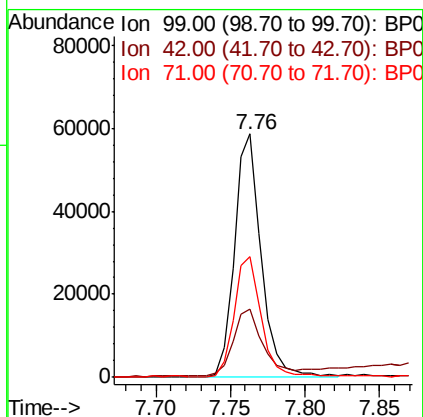
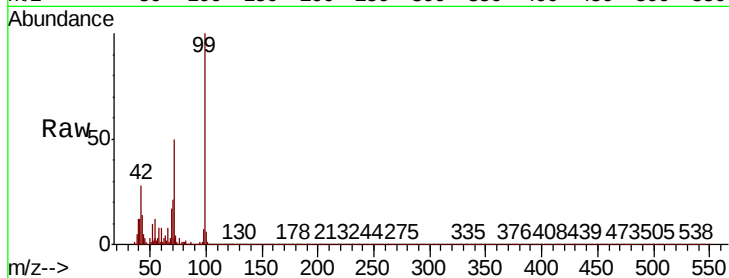
Tot Ion: 99 Resp: 73087

Ion Ratio Lower Upper

99 100

42 28.0 20.9 31.3

71 49.6 40.0 60.0



#9

Benzaldehyde

Concen: 5.064 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.01 min

Lab File: BP001382.D

Acq: 23 Dec 2019 22:37

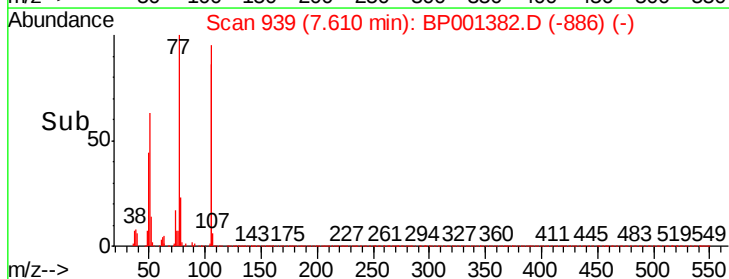
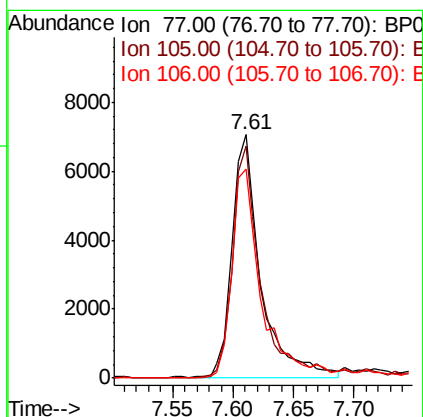
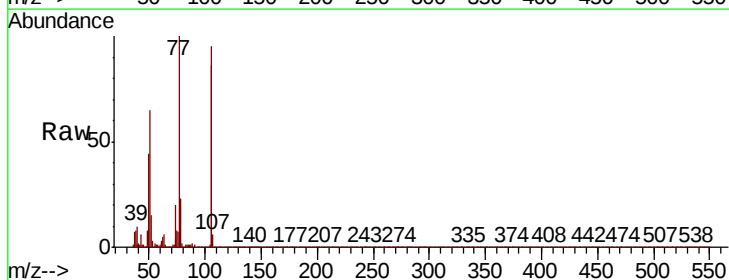
Tgt Ion: 77 Resp: 11679

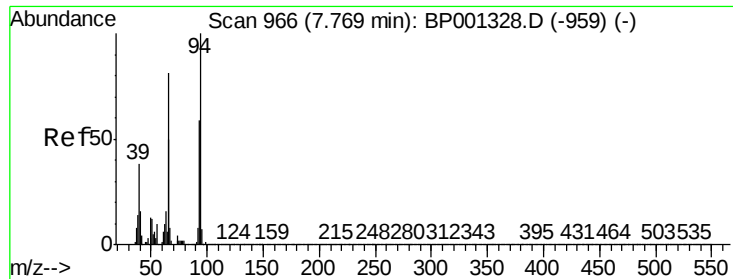
Ion Ratio Lower Upper

77 100

105 95.1 68.6 108.6

106 86.0 62.5 102.5





#10

Phenol

Concen: 2.506 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001382.D

Acq: 23 Dec 2019 22:37

Instrument :

BNA_P

ClientSampleId :

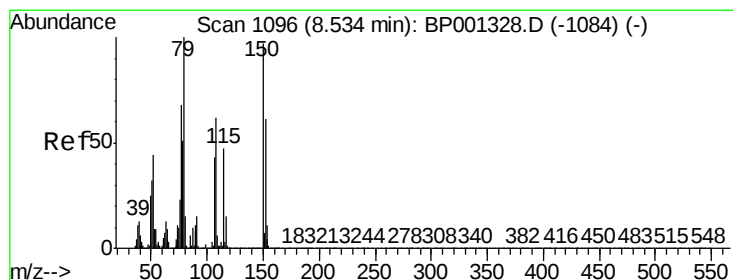
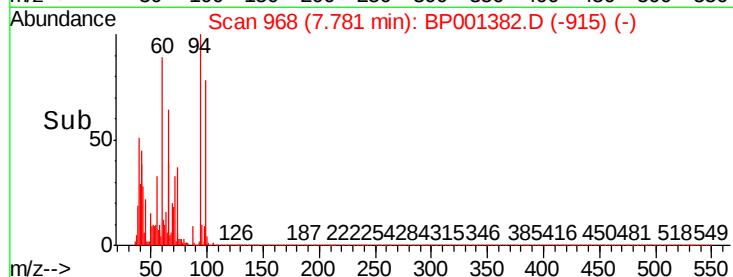
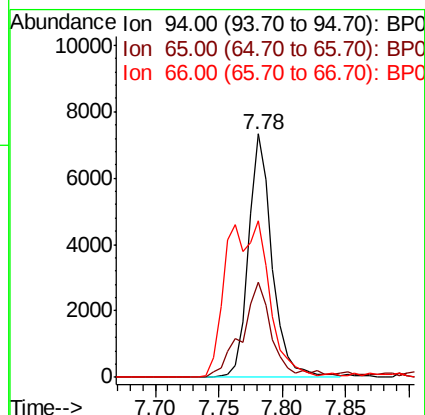
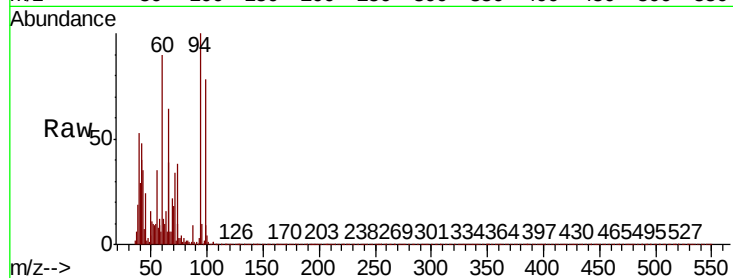
Tot Ion: 94 Resp: 9415

Ion Ratio Lower Upper

94 100

65 38.8 30.4 70.4

66 64.4 62.0 102.0



#15

Benzyl Alcohol

Concen: 13.774 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BP001382.D

Acq: 23 Dec 2019 22:37

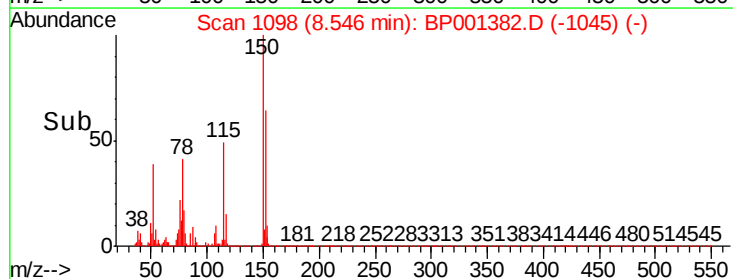
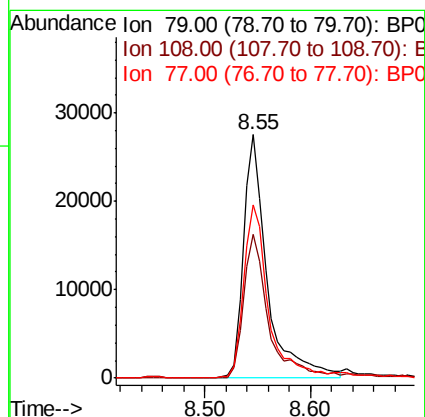
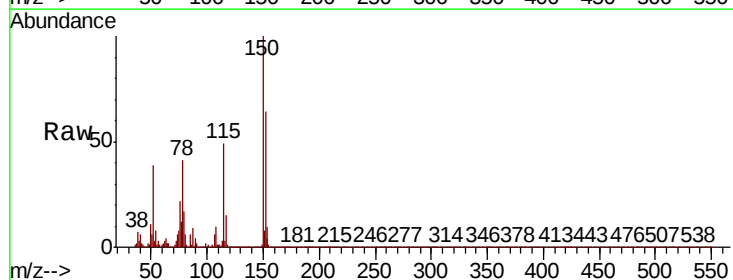
Tgt Ion: 79 Resp: 42491

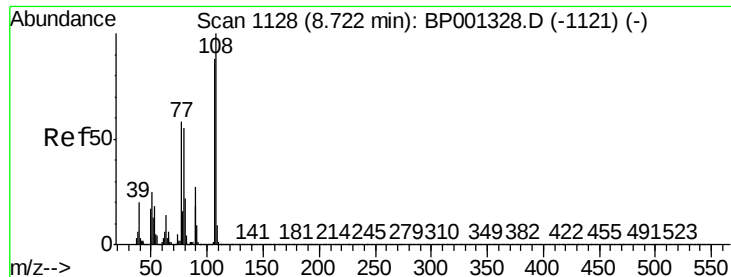
Ion Ratio Lower Upper

79 100

108 59.2 49.3 73.9

77 71.3 54.4 81.6

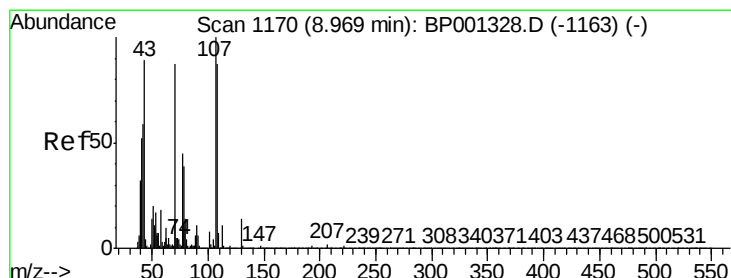
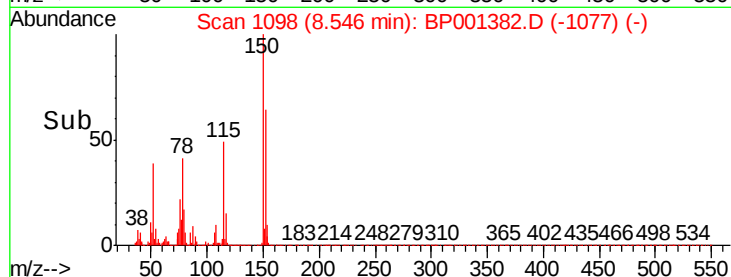
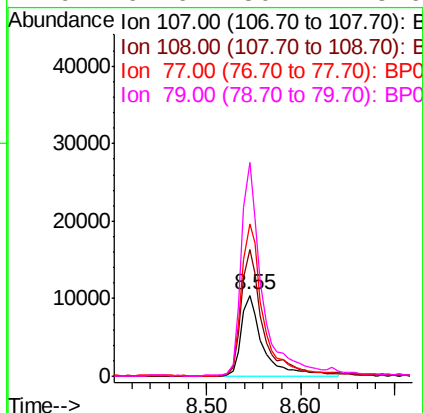
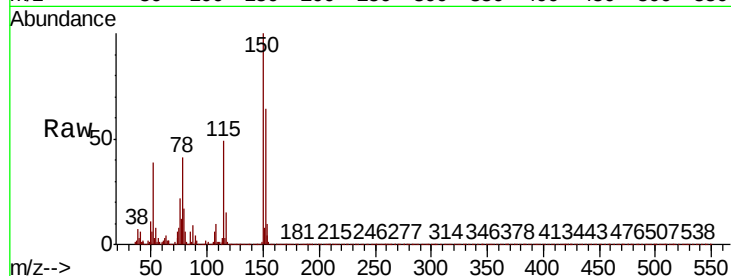




#17
2-Methylphenol
Concen: 7.588 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.18 min
Lab File: BP001382.D
Acq: 23 Dec 2019 22:37

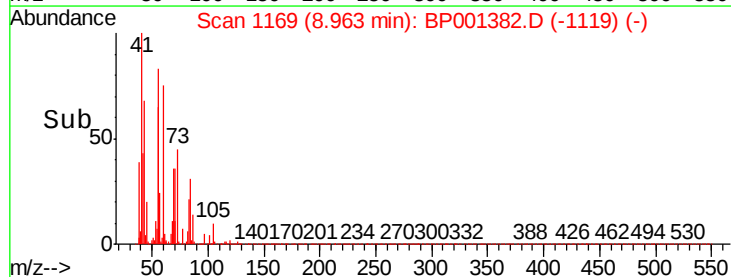
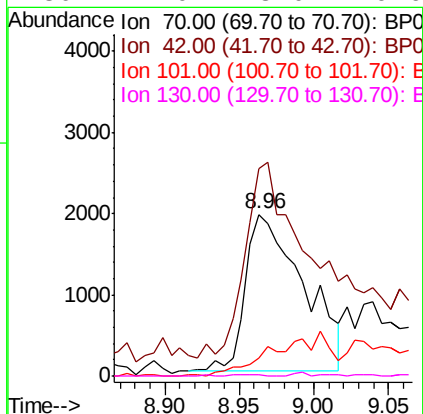
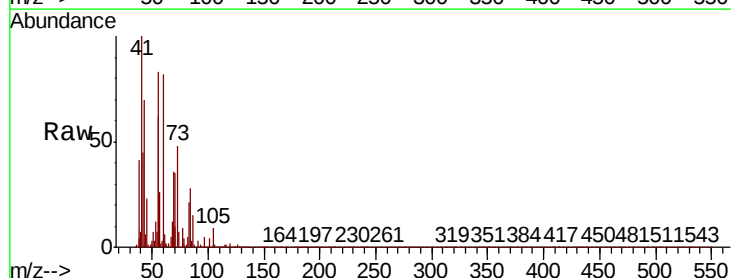
Instrument :
BNA_P
ClientSampleId :

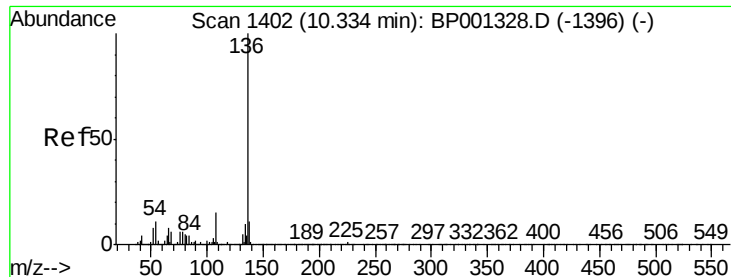
Tot Ion	Ratio	Lower	Upper
107	100		
108	156.7	90.7	136.1#
77	188.6	52.7	79.1#
79	264.6	50.4	75.6#



#19
n-Nitroso-di-n-propylamine
Concen: 2.244 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001382.D
Acq: 23 Dec 2019 22:37

Tgt Ion	Ratio	Lower	Upper
70	100		
42	128.4	54.1	81.1#
101	10.8	7.0	10.4#
130	1.0	13.0	19.6#

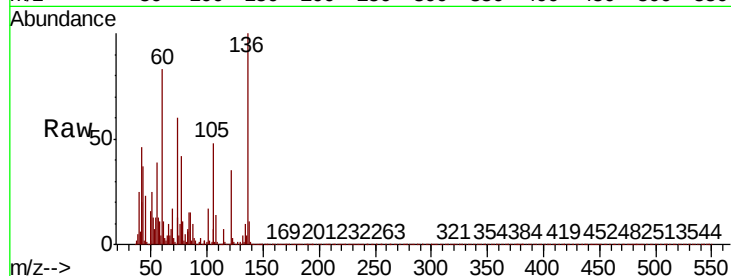




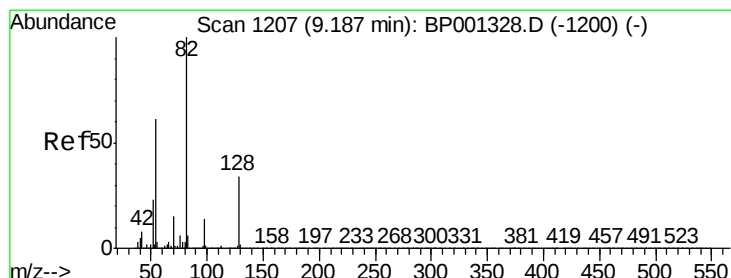
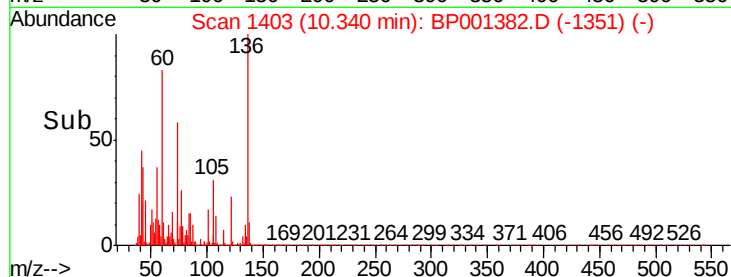
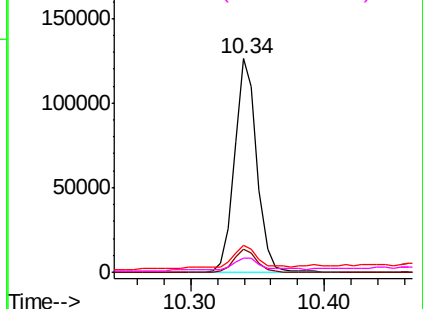
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001382.D
Acq: 23 Dec 2019 22:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	146518
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	12.8	8.8 13.2
68	6.5	4.6 6.8

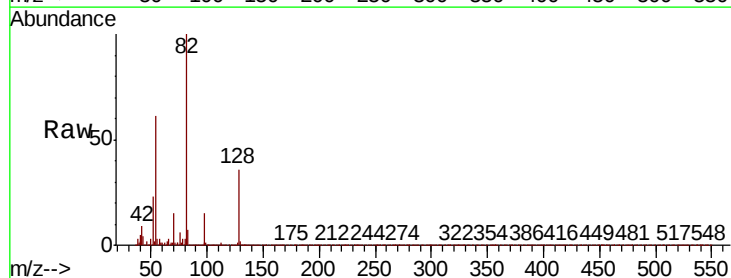


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

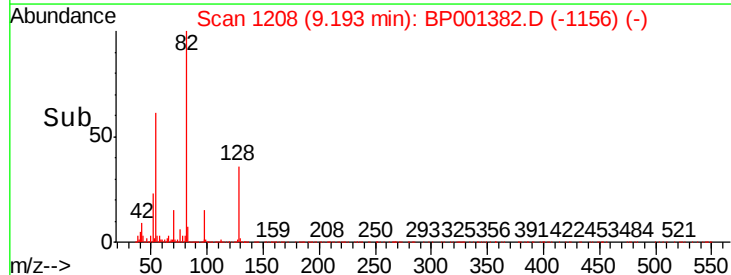
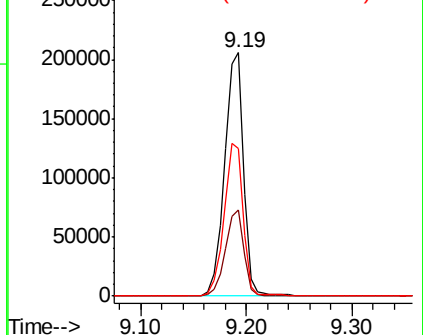


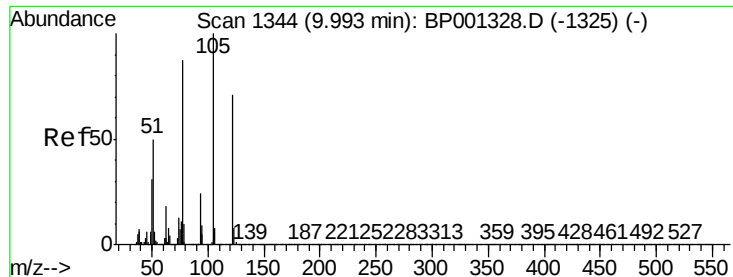
#23
Nitrobenzene-d5
Concen: 67.001 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BP001382.D
Acq: 23 Dec 2019 22:37

Tgt Ion: 82	Resp:	255639
Ion Ratio	Lower	Upper
82	100	
128	35.6	27.0 40.4
54	60.7	49.0 73.4



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

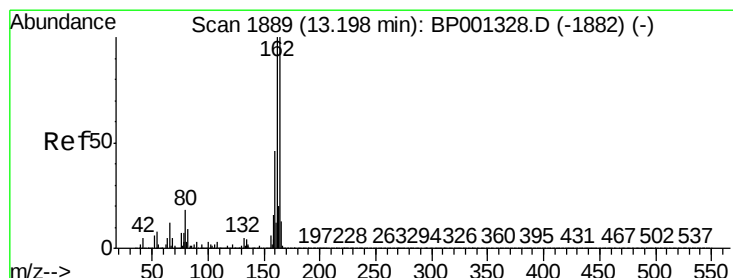
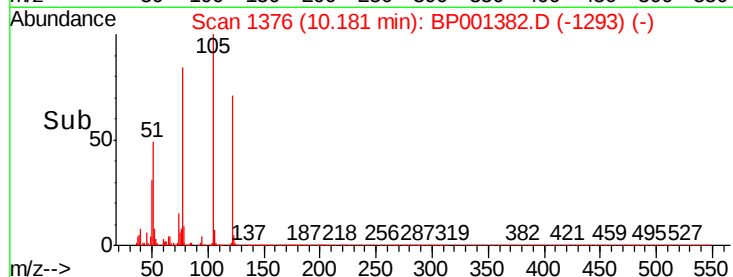
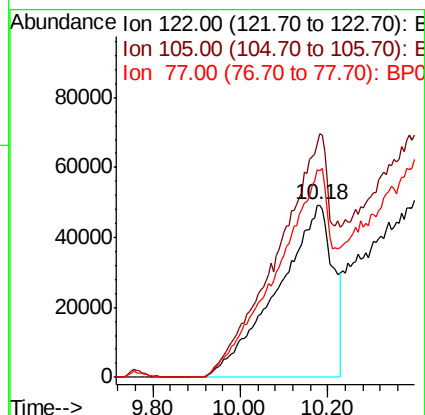
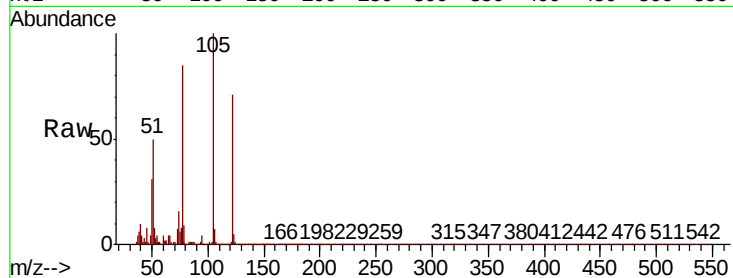




#32
Benzoic acid
Concen: 248.083 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.19 min
Lab File: BP001382.D
Acq: 23 Dec 2019 22:37

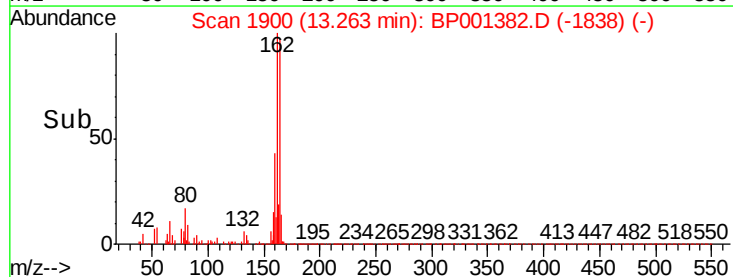
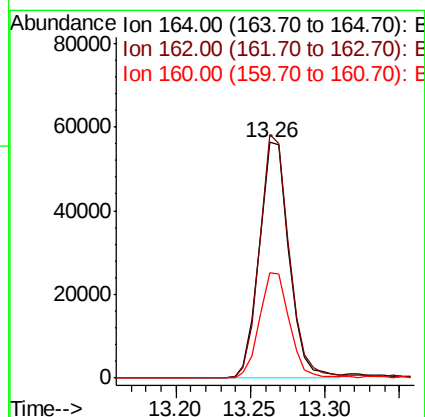
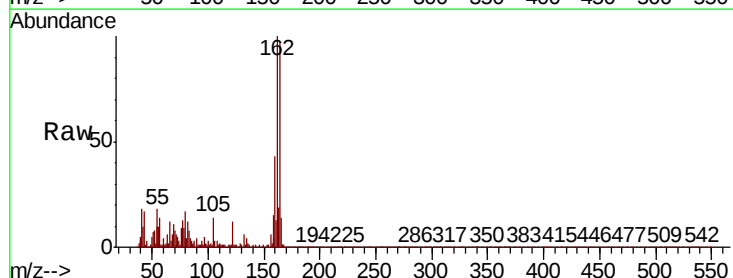
Instrument :
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ClientSampleId :

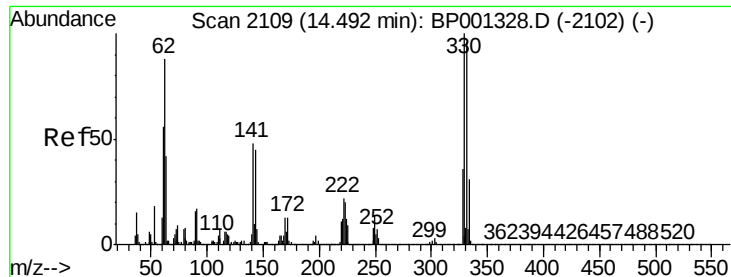
Tot Ion:122 Resp: 432274
Ion Ratio Lower Upper
122 100
105 141.3 118.5 158.5
77 119.6 101.3 141.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. 0.06 min
Lab File: BP001382.D
Acq: 23 Dec 2019 22:37

Tgt Ion:164 Resp: 77635
Ion Ratio Lower Upper
164 100
162 103.4 80.3 120.5
160 44.8 36.6 54.8

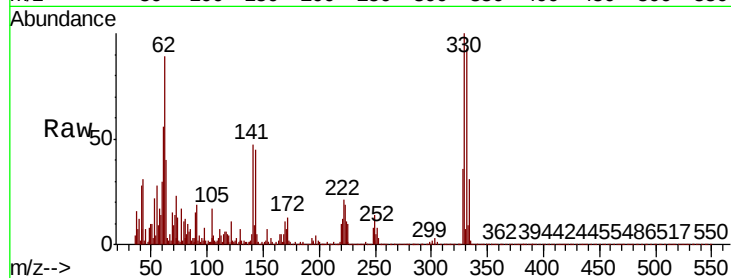




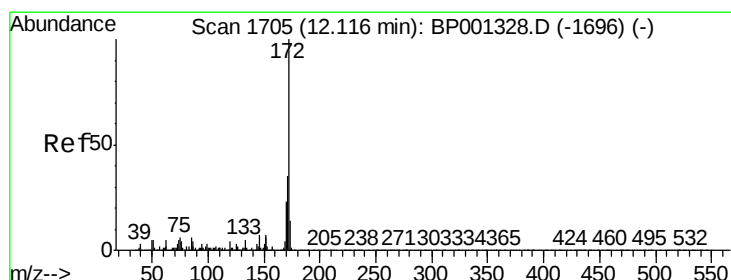
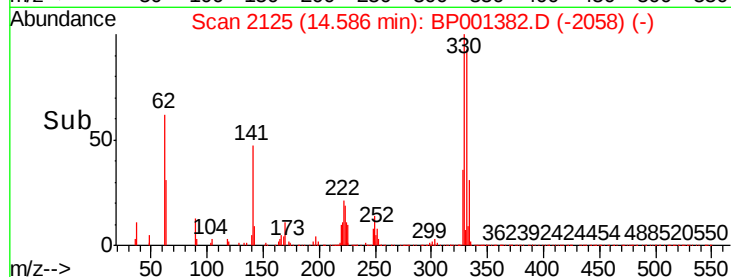
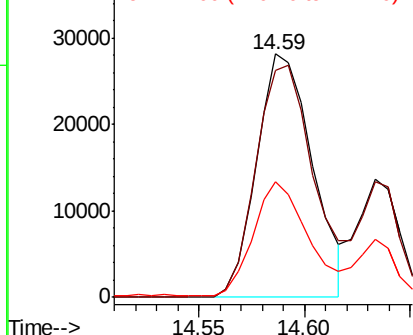
#42
 2,4,6-Tribromophenol
 Concen: 53.262 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. 0.09 min
 Lab File: BP001382.D
 Acq: 23 Dec 2019 22:37

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:330 Resp: 51697
 Ion Ratio Lower Upper
 330 100
 332 97.6 78.7 118.1
 141 45.4 36.2 54.4

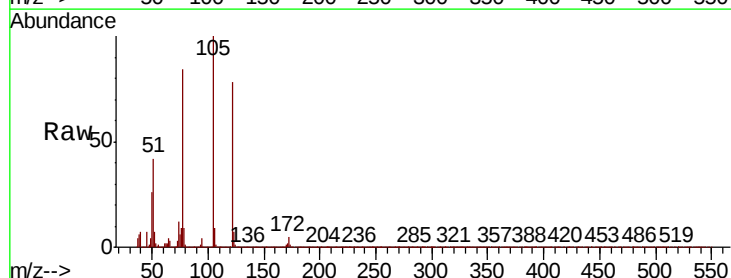


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

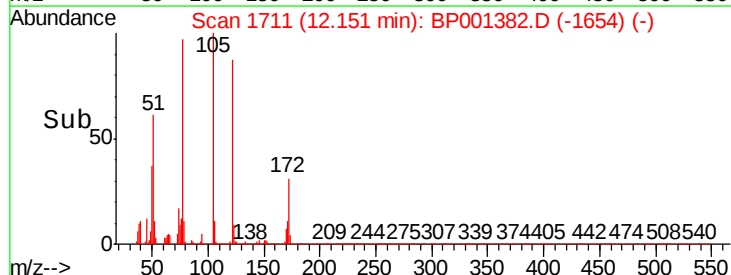
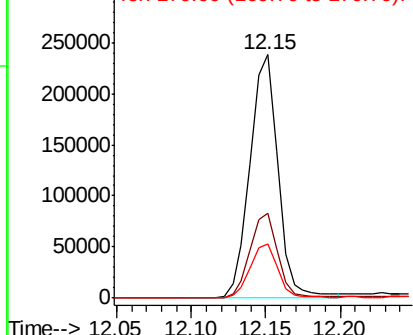


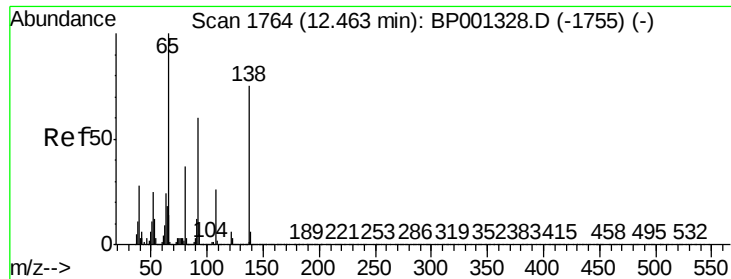
#45
 2-Fluorobiphenyl
 Concen: 50.541 ng
 RT: 12.15 min Scan# 1711
 Delta R.T. 0.04 min
 Lab File: BP001382.D
 Acq: 23 Dec 2019 22:37

Tgt Ion:172 Resp: 310301
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.7 41.5
 170 22.1 18.6 28.0



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

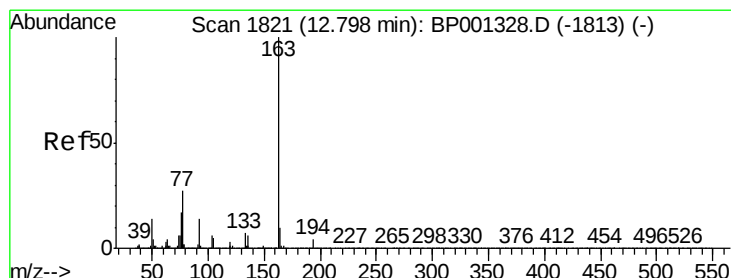
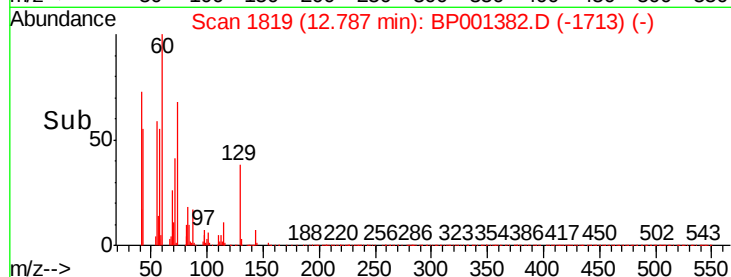
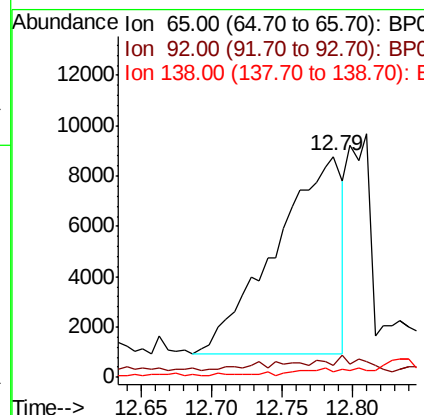
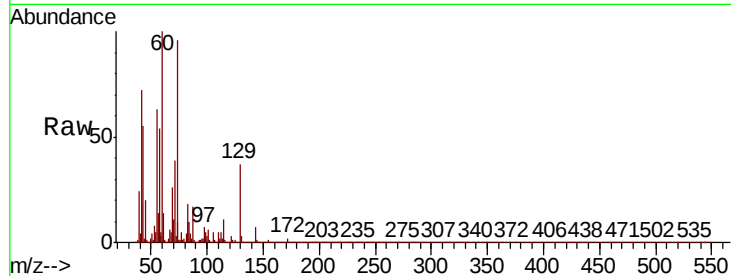




#48
2-Nitroaniline
Concen: 12.266 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.32 min
Lab File: BP001382.D
Acq: 23 Dec 2019 22:37

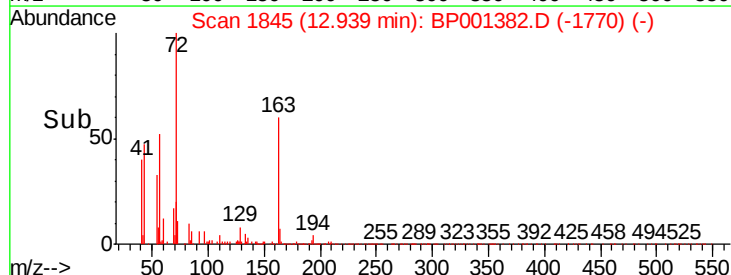
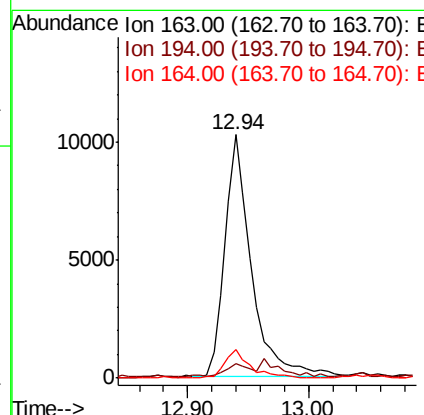
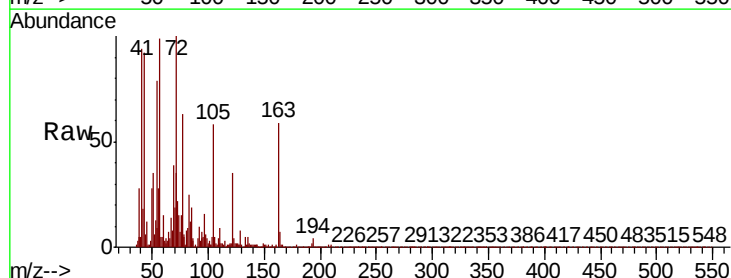
Instrument :
BNA_P
ClientSampleId :

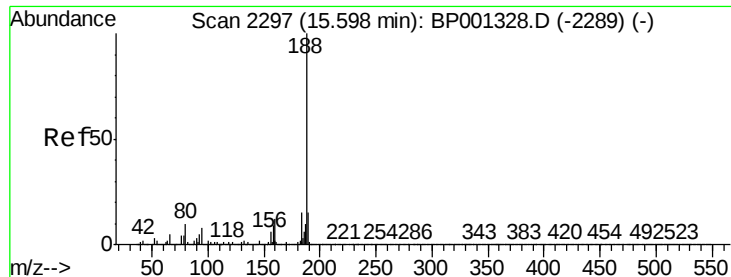
Tot Ion: 65 Resp: 25797
Ion Ratio Lower Upper
65 100
92 5.6 48.3 72.5#
138 2.8 60.2 90.4#



#50
Dimethylphthalate
Concen: 2.434 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.14 min
Lab File: BP001382.D
Acq: 23 Dec 2019 22:37

Tgt Ion: 163 Resp: 15502
Ion Ratio Lower Upper
163 100
194 6.1 3.4 5.0#
164 11.6 7.9 11.9

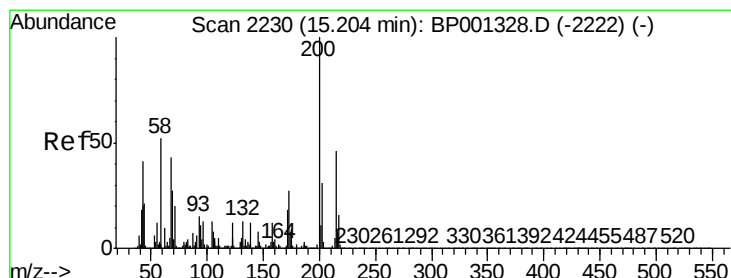
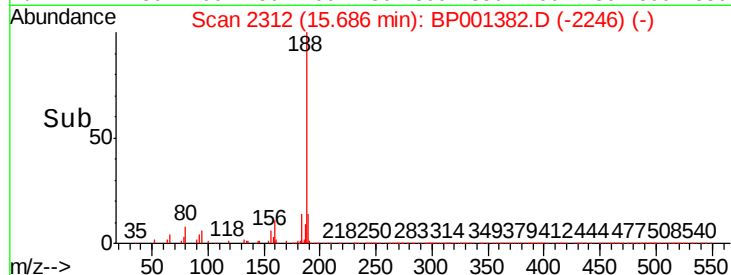
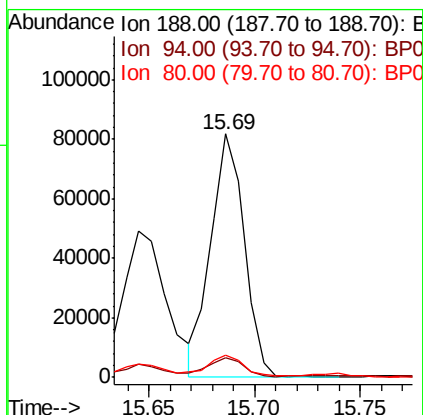
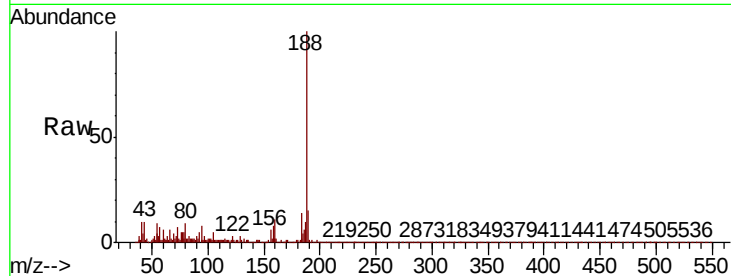




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. 0.09 min
Lab File: BP001382.D
Acq: 23 Dec 2019 22:37

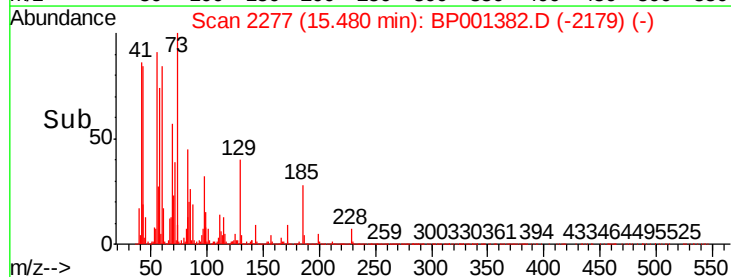
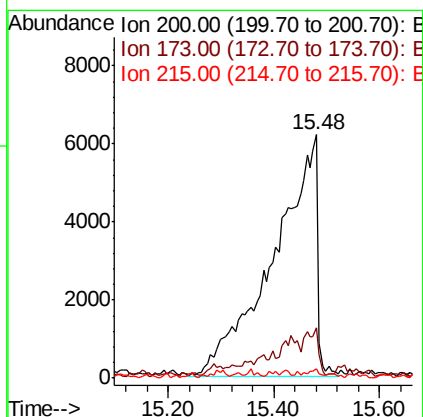
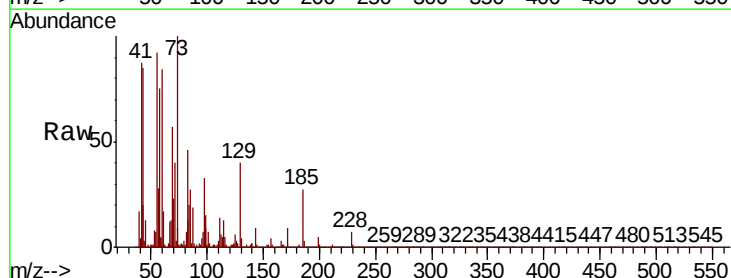
Instrument :
BNA_P
ClientSampled :

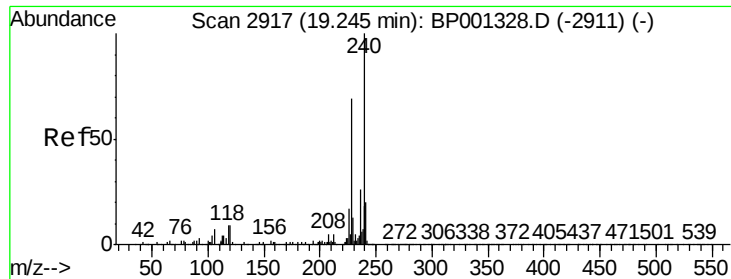
Tot Ion:188 Resp: 90101
Ion Ratio Lower Upper
188 100
94 8.1 6.6 10.0
80 9.2 7.8 11.6



#69
Atrazine
Concen: 34.293 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.28 min
Lab File: BP001382.D
Acq: 23 Dec 2019 22:37

Tgt Ion:200 Resp: 35186
Ion Ratio Lower Upper
200 100
173 20.7 6.8 46.8
215 4.0 26.1 66.1#

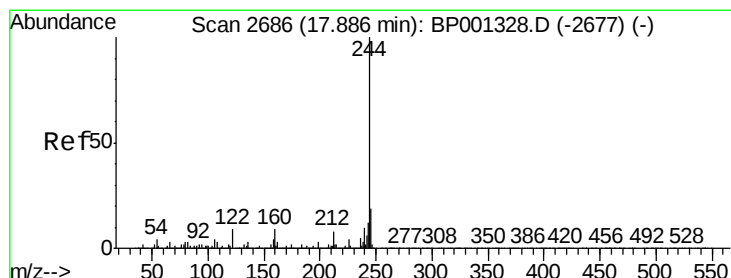
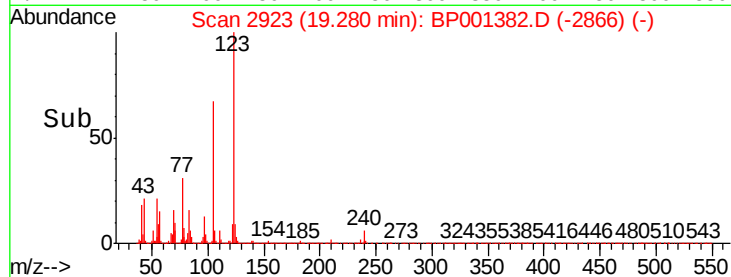
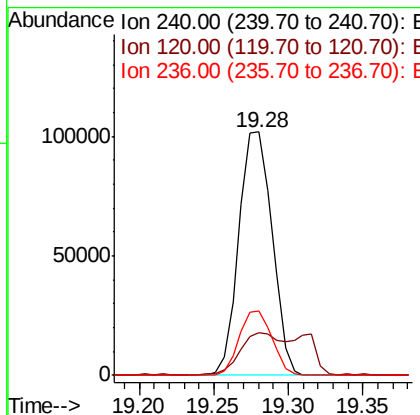
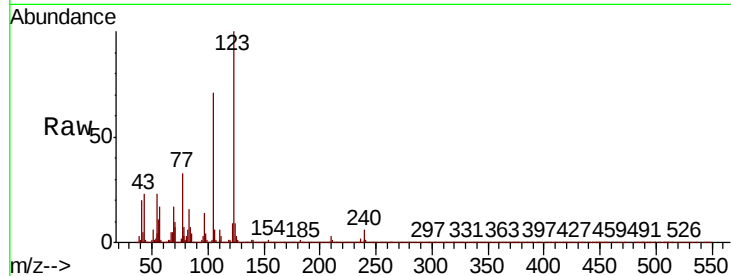




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 19.28 min Scan# 2923
 Delta R.T. 0.04 min
 Lab File: BP001382.D
 Acq: 23 Dec 2019 22:37

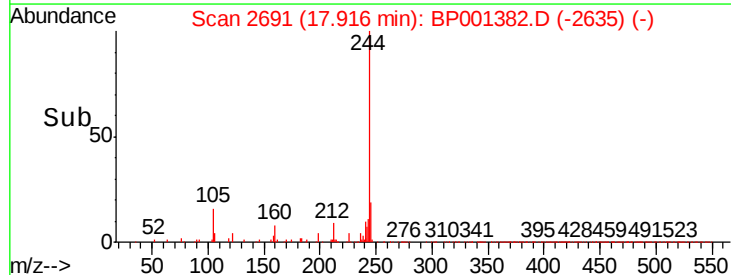
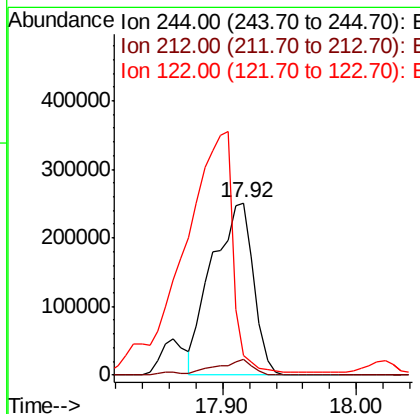
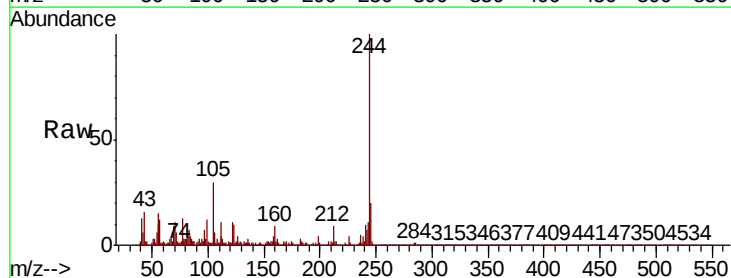
Instrument :
 BNA_P
 ClientSampled :

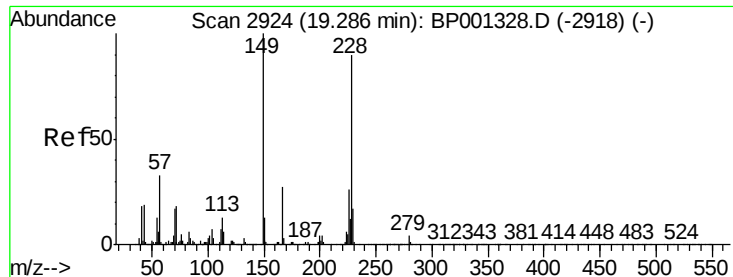
Tot Ion:240 Resp: 157765
 Ion Ratio Lower Upper
 240 100
 120 17.5 7.6 11.4#
 236 26.2 21.0 31.4



#79
 Terphenyl-d14
 Concen: 58.925 ng
 RT: 17.92 min Scan# 2691
 Delta R.T. 0.03 min
 Lab File: BP001382.D
 Acq: 23 Dec 2019 22:37

Tgt Ion:244 Resp: 542764
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.6 9.8
 122 11.1 7.6 11.4

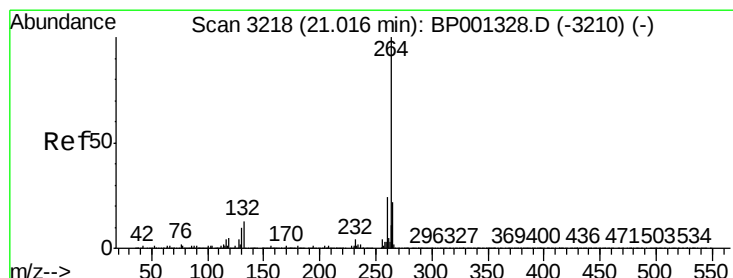
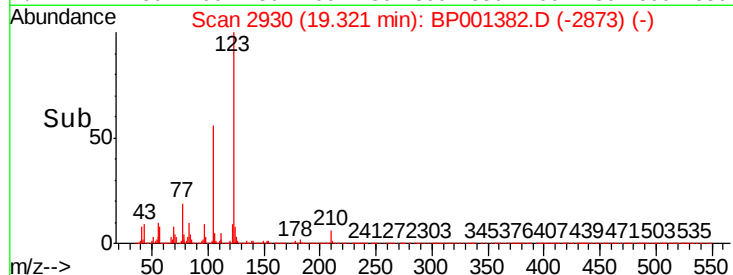
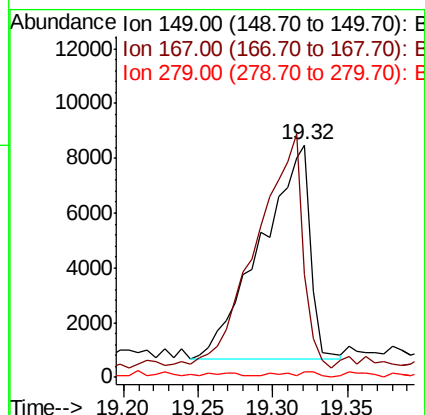
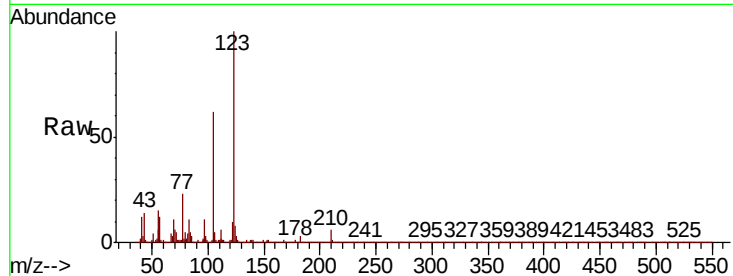




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.140 ng
 RT: 19.32 min Scan# 2930
 Delta R.T. 0.04 min
 Lab File: BP001382.D
 Acq: 23 Dec 2019 22:37

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:149 Resp: 17936
 Ion Ratio Lower Upper
 149 100
 167 44.1 21.8 32.6#
 279 2.1 3.0 4.4#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.04 min Scan# 3222
 Delta R.T. 0.02 min
 Lab File: BP001382.D
 Acq: 23 Dec 2019 22:37

Tgt Ion:264 Resp: 156080
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.7 17.4 26.2

