

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
 Data File : BP001287.D
 Acq On : 09 Dec 2019 23:43
 Operator : JU
 Sample : K6187-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 10 04:25:59 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	66009	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	241519	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	137607	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	266036	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	217822	20.00	ng	-0.02
87) Perylene-d12	21.01	264	237864	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.22	112	439073	110.36	ng	0.00
7) Phenol-d6	7.76	99	612262	115.51	ng	0.00
23) Nitrobenzene-d5	9.19	82	433120	77.80	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	170947	129.61	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	711246	75.65	ng	-0.01
79) Terphenyl-d14	17.89	244	859363	72.99	ng	0.00

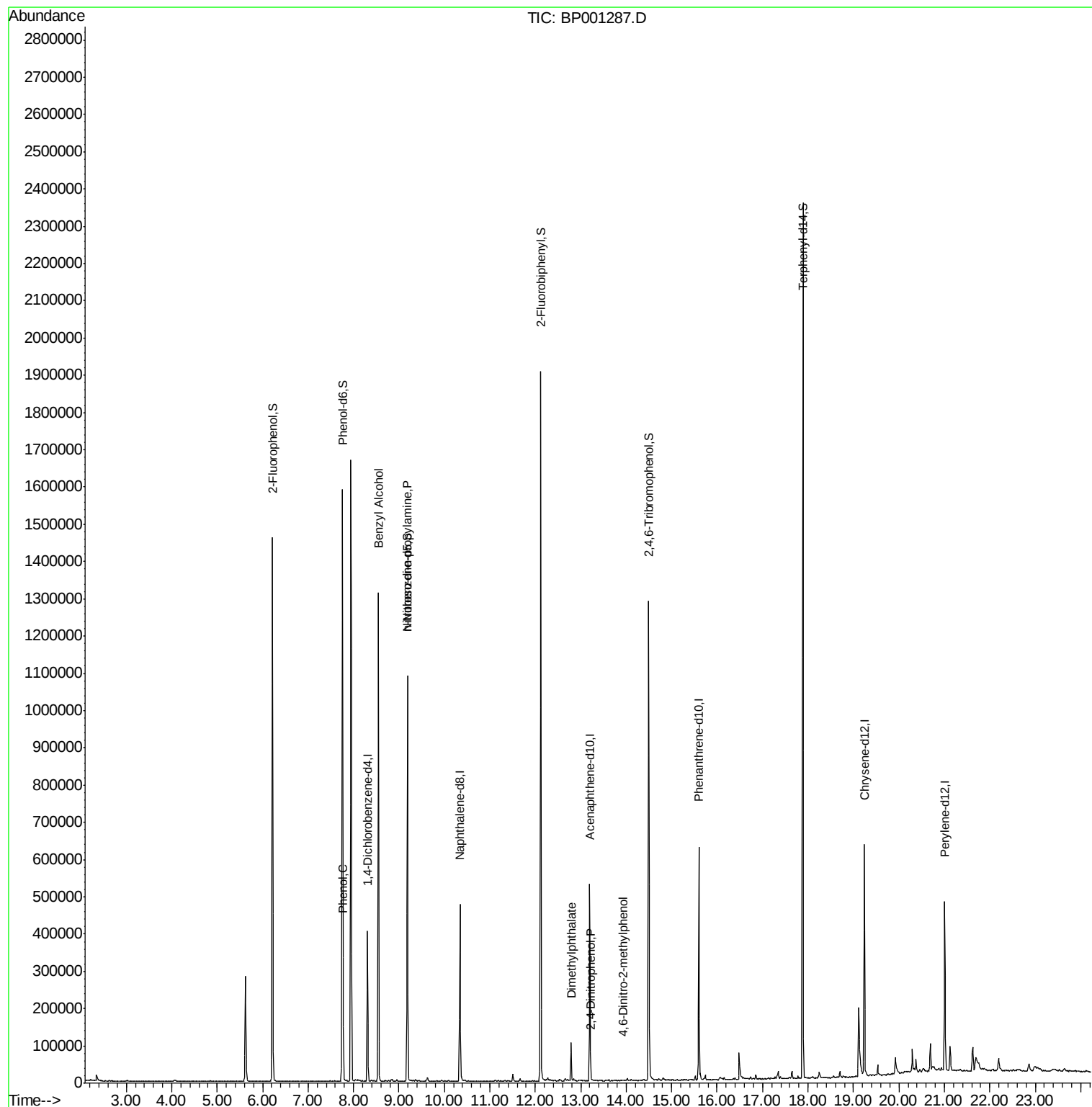
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.59	77	300	Below Cal		# 1
10) Phenol	7.78	94	31578	5.237	ng	# 82
15) Benzyl Alcohol	8.55	79	9025	2.074	ng	# 55
19) n-Nitroso-di-n-propylamine	9.19	70	62967	16.463	ng	# 79
50) Dimethylphthalate	12.79	163	45374	4.409	ng	# 99
54) 2,4-Dinitrophenol	13.23	184	18	7.127	ng	# 93
65) 4,6-Dinitro-2-methylphenol	13.93	198	21	6.292	ng	# 1

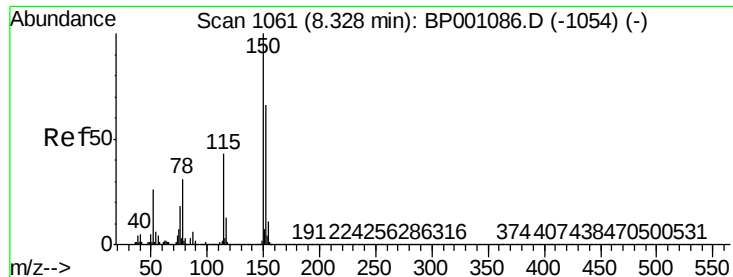
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120919\
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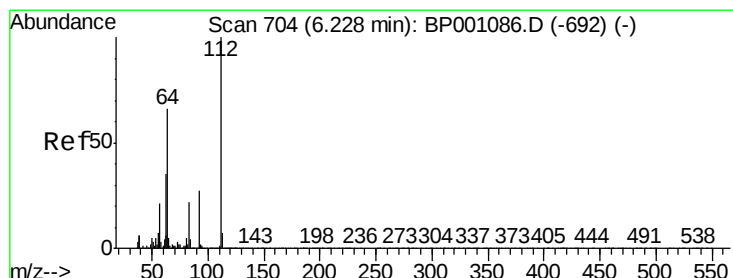
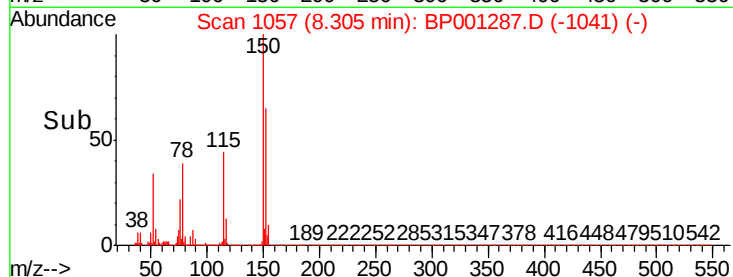
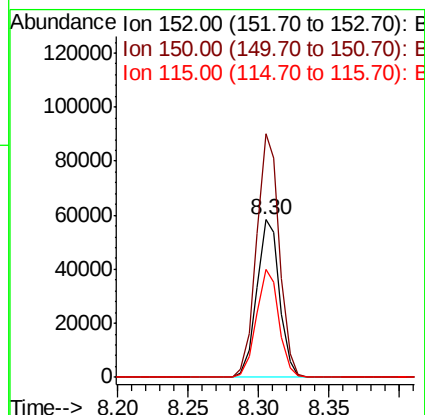
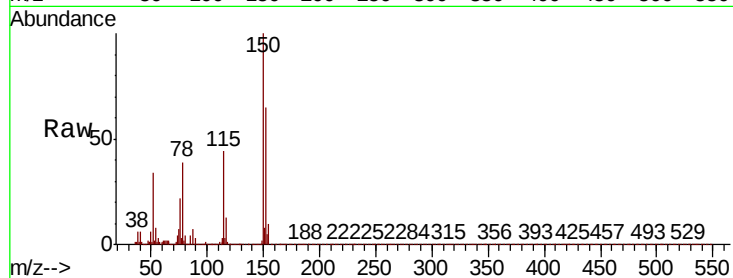




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001287.D
 Acq: 09 Dec 2019 23:43

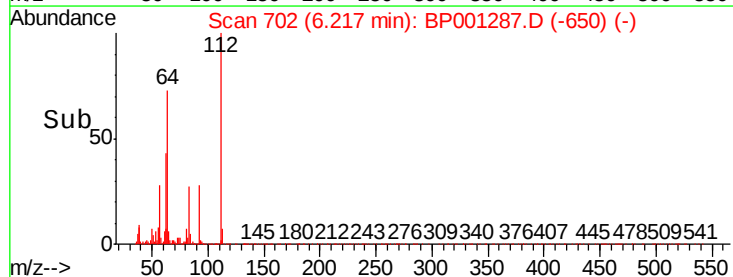
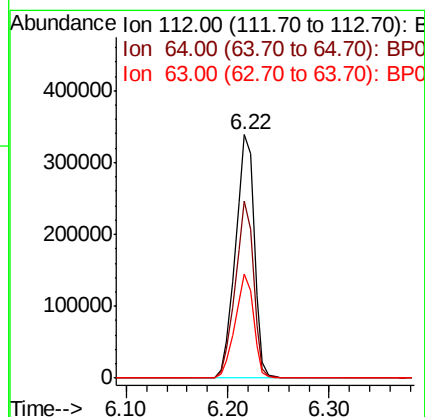
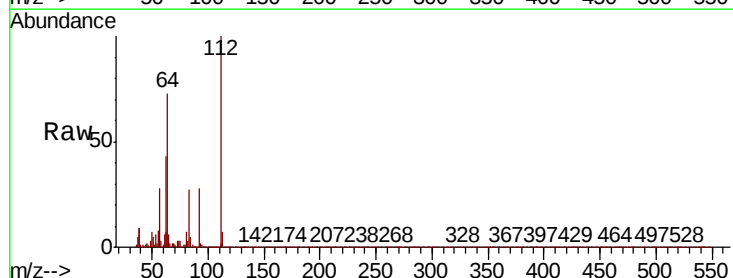
Instrument :
 BNA_P
 ClientSampleId :

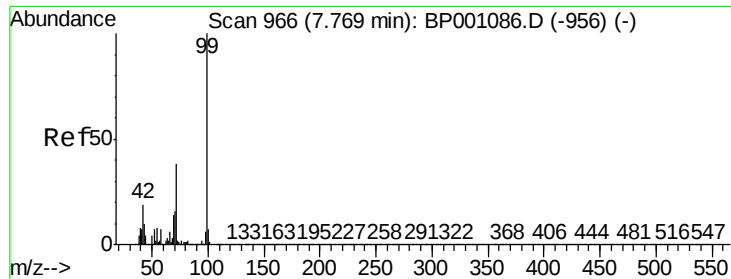
Tot Ion:152 Resp: 66009
 Ion Ratio Lower Upper
 152 100
 150 154.8 127.3 190.9
 115 68.7 56.0 84.0



#5
 2-Fluorophenol
 Concen: 110.357 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.01 min
 Lab File: BP001287.D
 Acq: 09 Dec 2019 23:43

Tgt Ion:112 Resp: 439073
 Ion Ratio Lower Upper
 112 100
 64 72.6 56.8 85.2
 63 42.9 32.2 48.2





#7

Phenol-d6

Concen: 115.509 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001287.D

Acq: 09 Dec 2019 23:43

Instrument :

BNA_P

ClientSampleId :

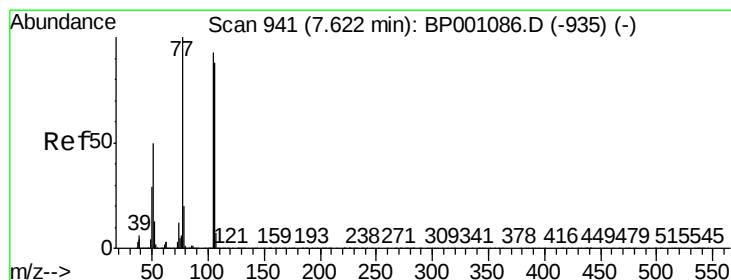
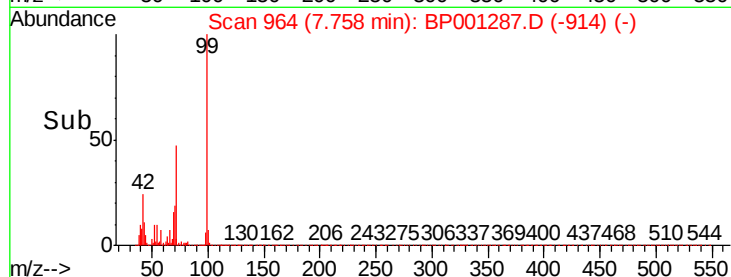
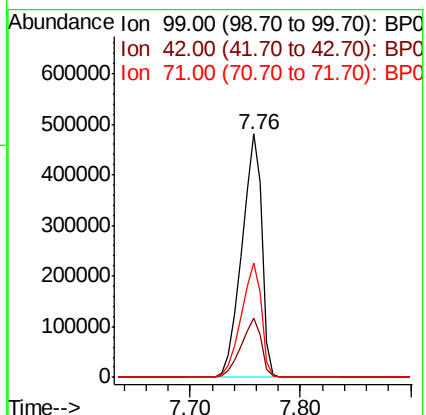
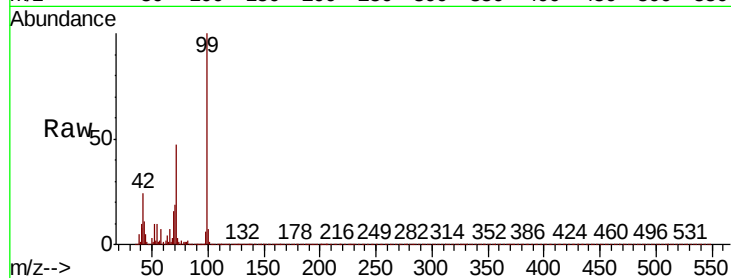
Tot Ion: 99 Resp: 612262

Ion Ratio Lower Upper

99 100

42 24.3 17.6 26.4

71 47.2 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.59 min Scan# 935

Delta R.T. -0.02 min

Lab File: BP001287.D

Acq: 09 Dec 2019 23:43

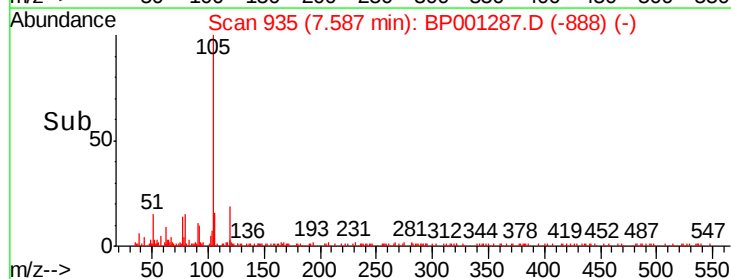
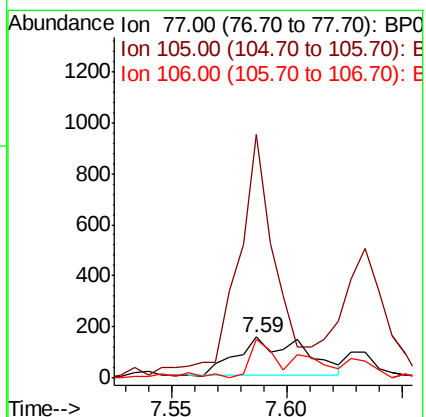
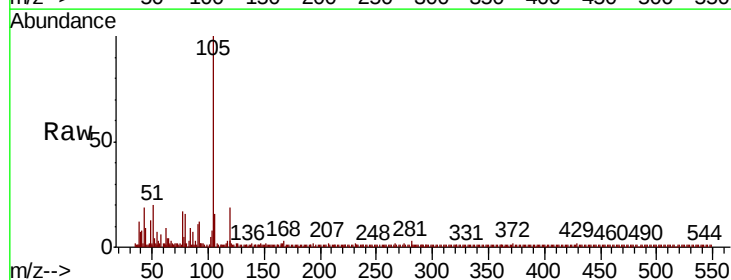
Tgt Ion: 77 Resp: 300

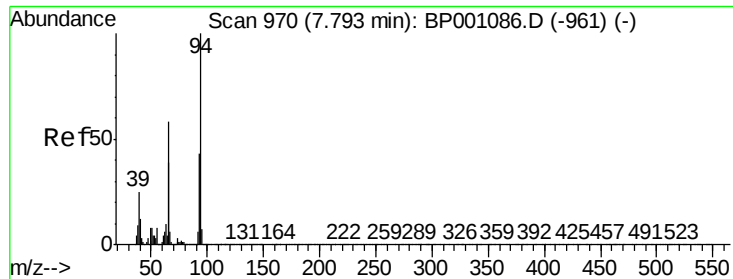
Ion Ratio Lower Upper

77 100

105 591.9 69.7 109.7#

106 95.0 67.1 107.1





#10

Phenol

Concen: 5.237 ng

RT: 7.78 min Scan# 967

Delta R.T. -0.01 min

Lab File: BP001287.D

Acq: 09 Dec 2019 23:43

Instrument :

BNA_P

ClientSampleId :

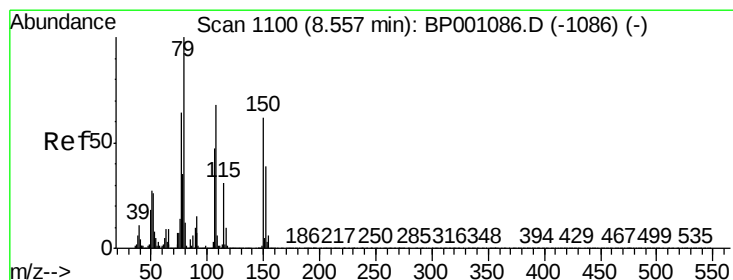
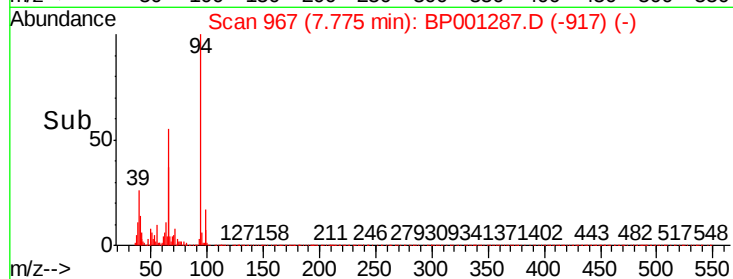
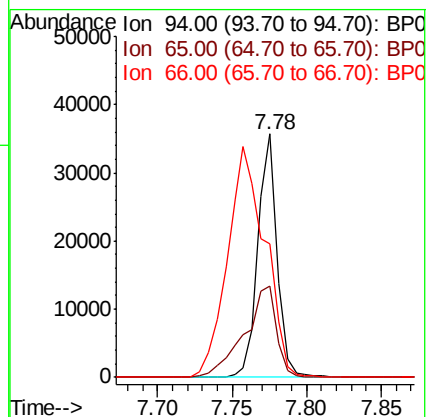
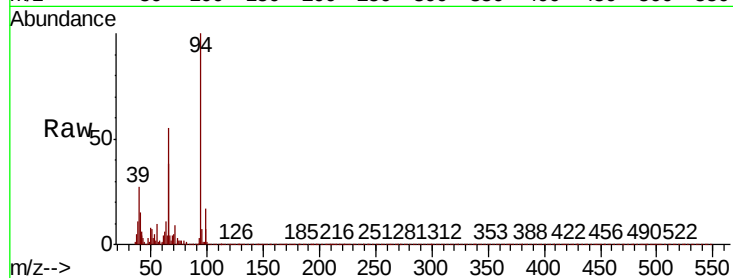
Tot Ion: 94 Resp: 31578

Ion Ratio Lower Upper

94 100

65 37.5 25.6 65.6

66 54.9 52.6 92.6



#15

Benzyl Alcohol

Concen: 2.074 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BP001287.D

Acq: 09 Dec 2019 23:43

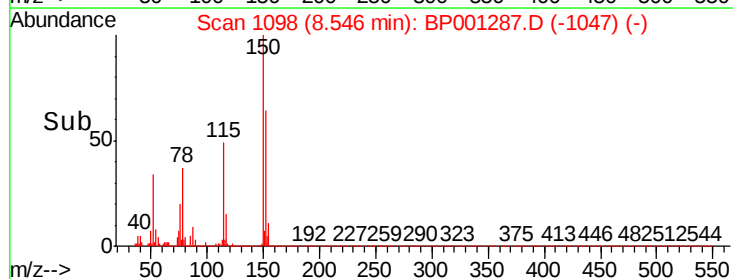
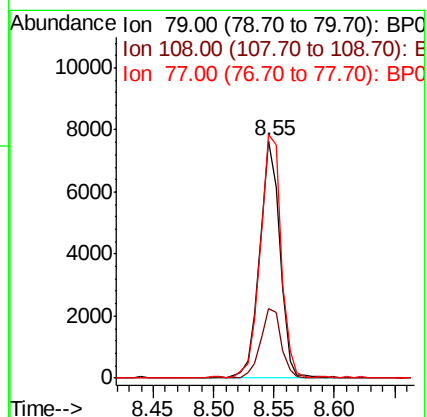
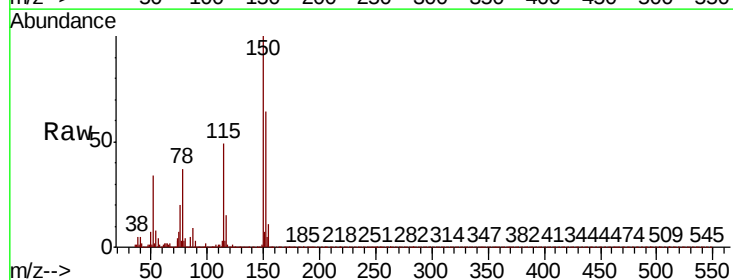
Tgt Ion: 79 Resp: 9025

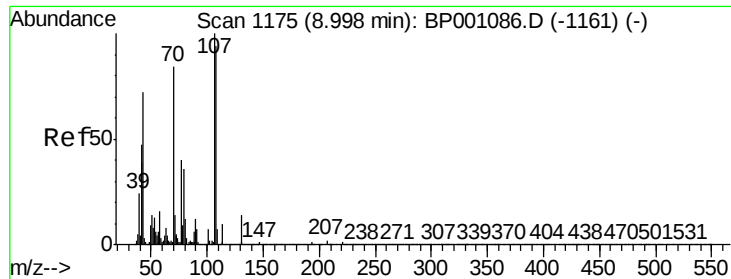
Ion Ratio Lower Upper

79 100

108 29.4 51.6 77.4#

77 102.6 53.5 80.3#

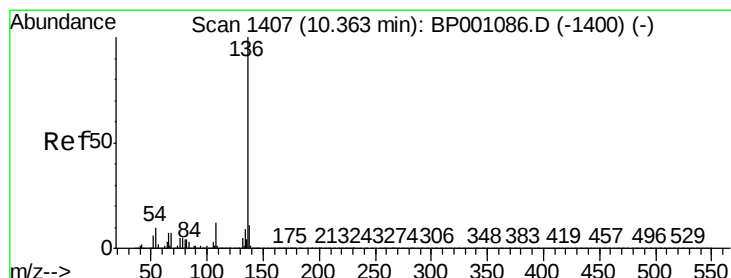
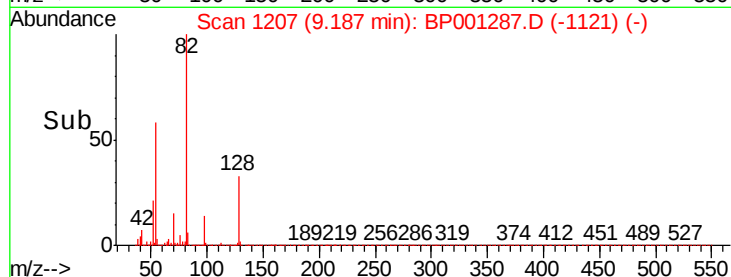
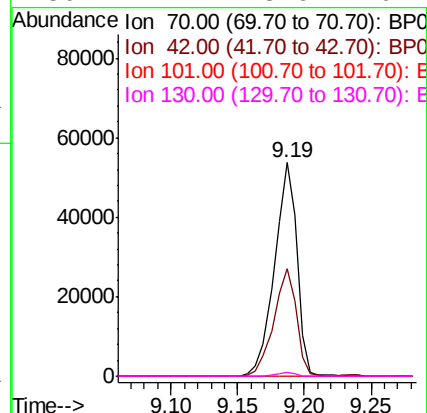
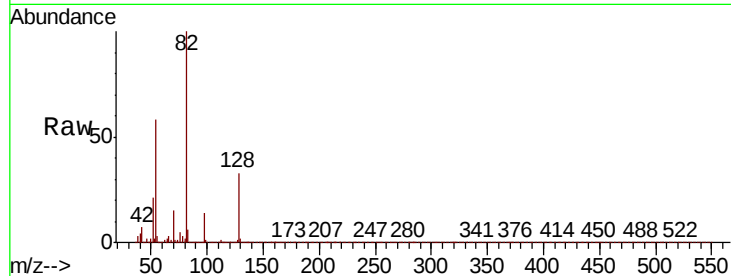




#19
n-Nitroso-di-n-propylamine
Concen: 16.463 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.21 min
Lab File: BP001287.D
Acq: 09 Dec 2019 23:43

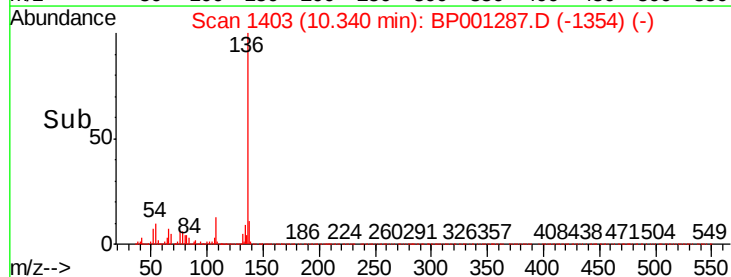
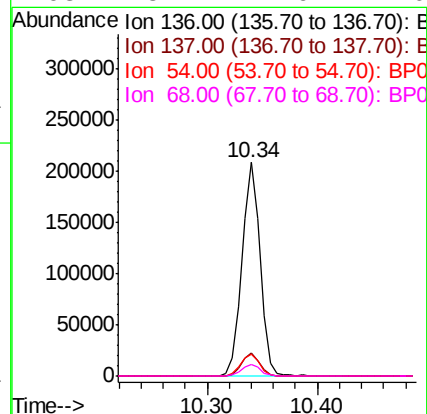
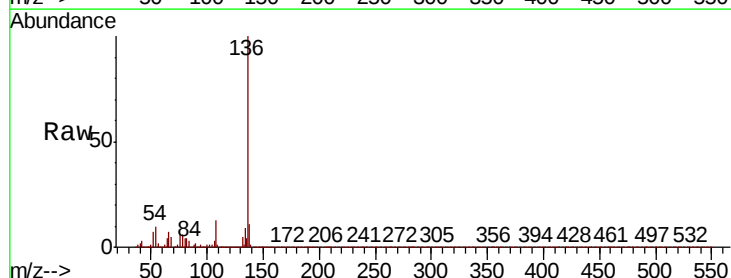
Instrument :
BNA_P
ClientSampleId :

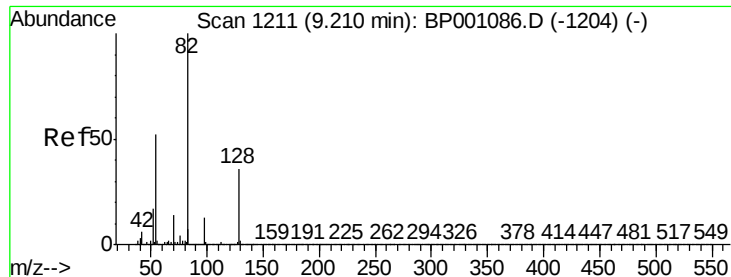
Tot Ion:	70	Resp:	62967
Ion	Ratio	Lower	Upper
70	100		
42	50.3	50.6	76.0#
101	0.0	7.1	10.7#
130	1.7	13.6	20.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001287.D
Acq: 09 Dec 2019 23:43

Tgt Ion:	136	Resp:	241519
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.1	7.4	11.0
68	5.4	4.6	7.0

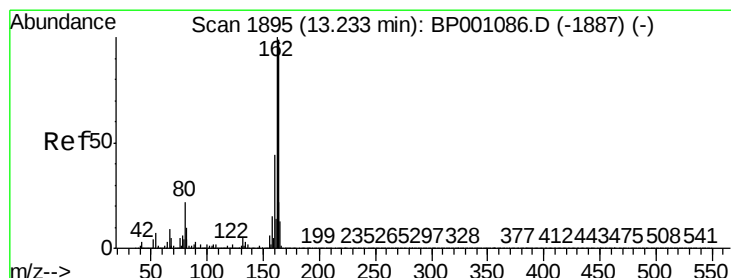
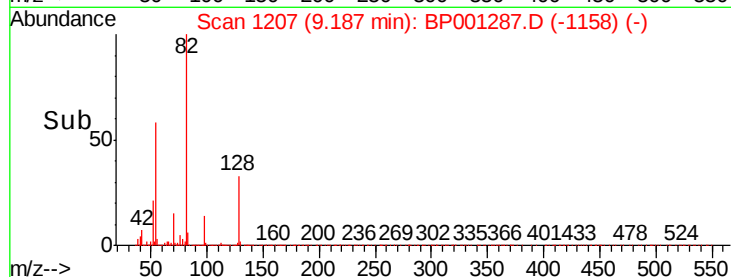
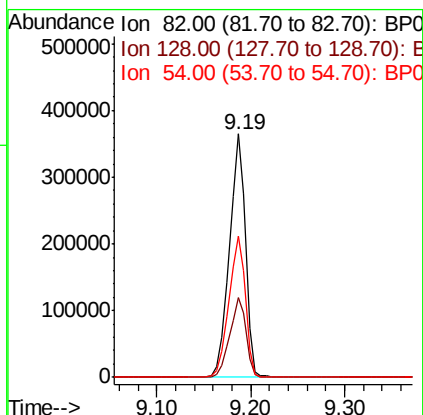
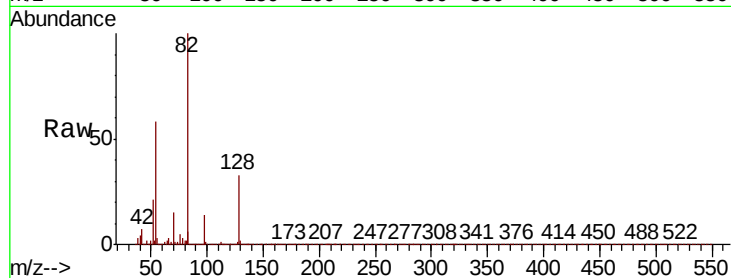




#23
 Nitrobenzene-d5
 Concen: 77.805 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BP001287.D
 Acq: 09 Dec 2019 23:43

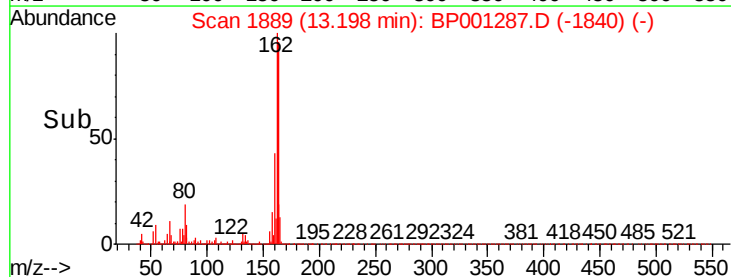
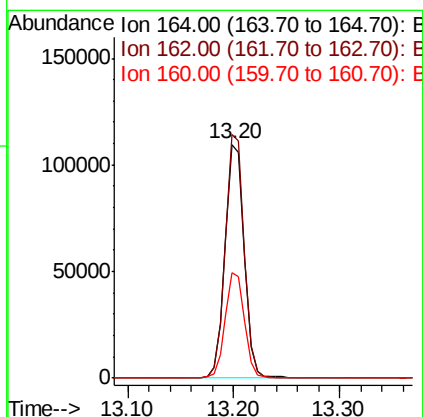
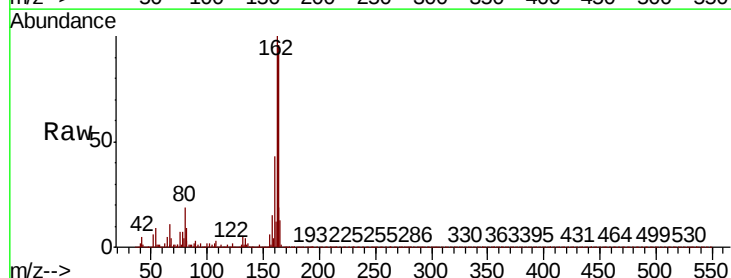
Instrument :
 BNA_P
 ClientSampled :

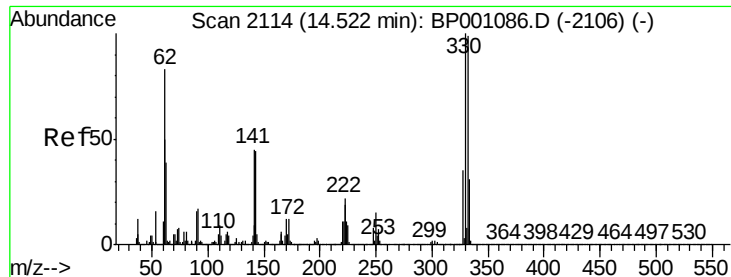
Tot Ion	82	Resp	433120
Ion Ratio	Lower	Upper	
82	100		
128	32.8	27.5	41.3
54	58.1	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BP001287.D
 Acq: 09 Dec 2019 23:43

Tgt Ion	164	Resp	137607
Ion Ratio	Lower	Upper	
164	100		
162	104.3	80.7	121.1
160	45.3	36.3	54.5

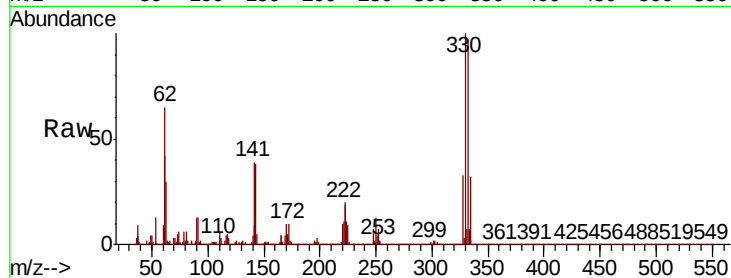




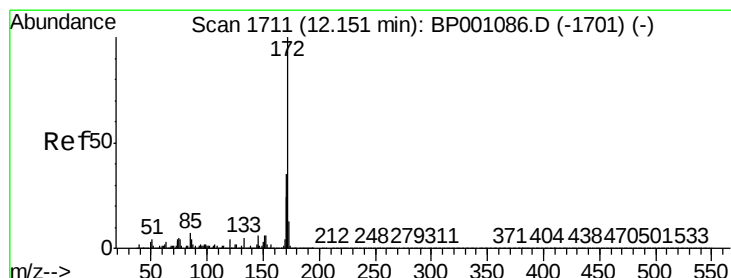
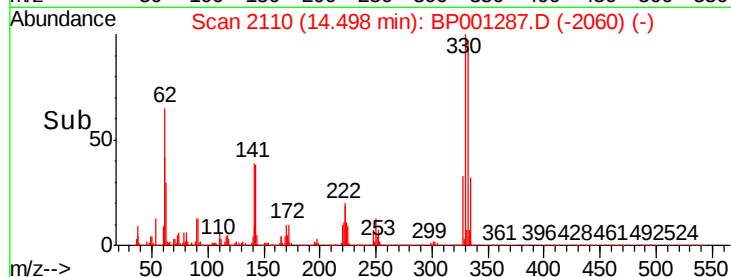
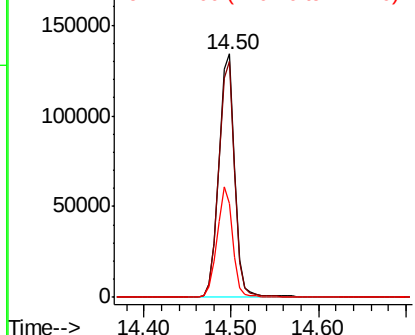
#42
2,4,6-Tribromophenol
Concen: 129.607 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001287.D
Acq: 09 Dec 2019 23:43

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 170947
Ion Ratio Lower Upper
330 100
332 96.6 79.1 118.7
141 44.4 35.9 53.9

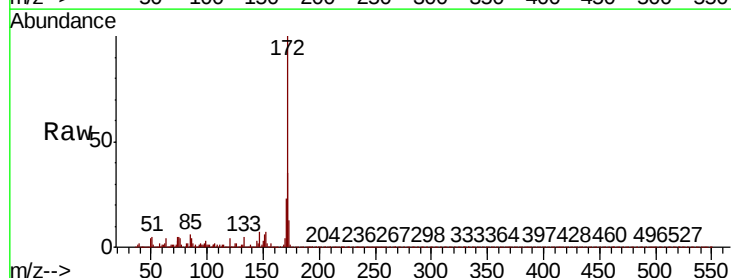


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

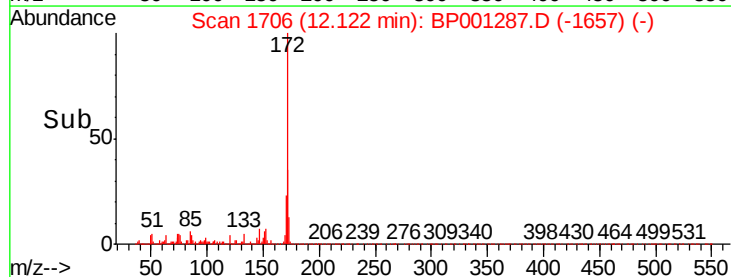
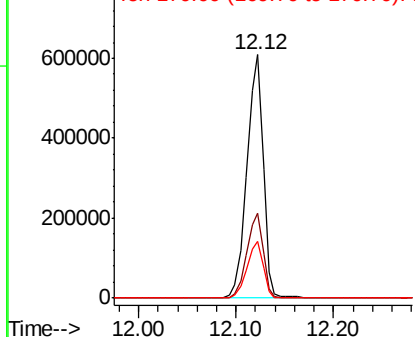


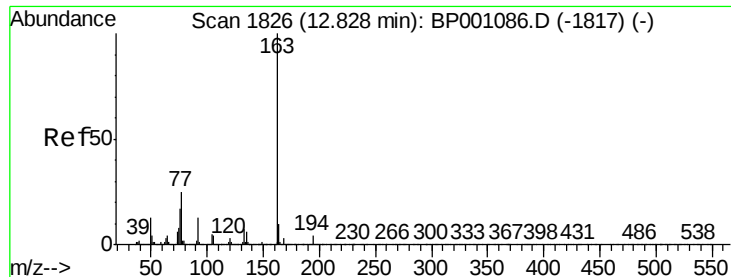
#45
2-Fluorobiphenyl
Concen: 75.647 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001287.D
Acq: 09 Dec 2019 23:43

Tgt Ion:172 Resp: 711246
Ion Ratio Lower Upper
172 100
171 34.7 28.7 43.1
170 23.5 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: 4.409 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BP001287.D

Acq: 09 Dec 2019 23:43

Instrument :

BNA_P

ClientSampleId :

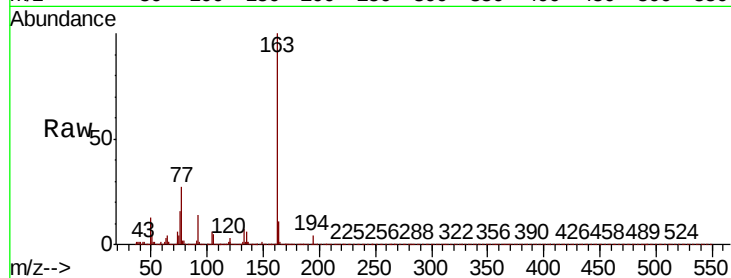
Tot Ion:163 Resp: 45374

Ion Ratio Lower Upper

163 100

194 3.5 3.1 4.7

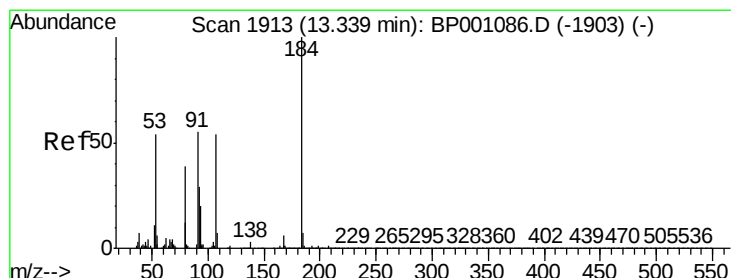
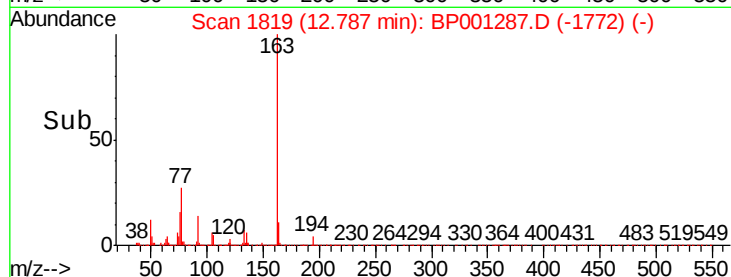
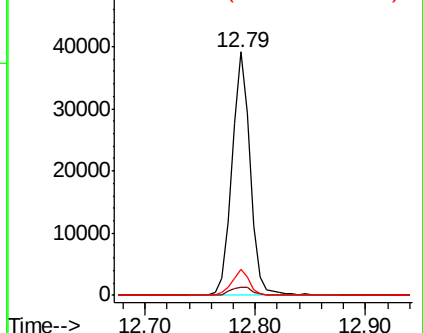
164 10.6 8.2 12.4



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: 13.23 min Scan# 1894

Delta R.T. -0.09 min

Lab File: BP001287.D

Acq: 09 Dec 2019 23:43

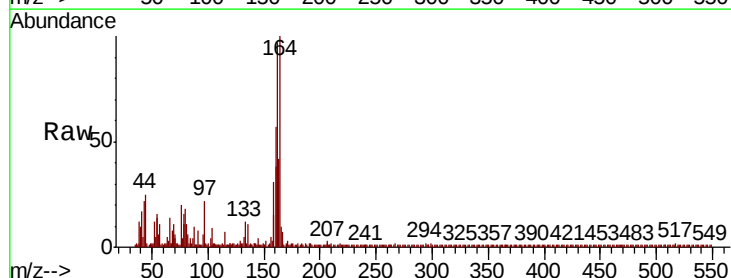
Tgt Ion:184 Resp: 18

Ion Ratio Lower Upper

184 100

63 85.0 69.4 104.0

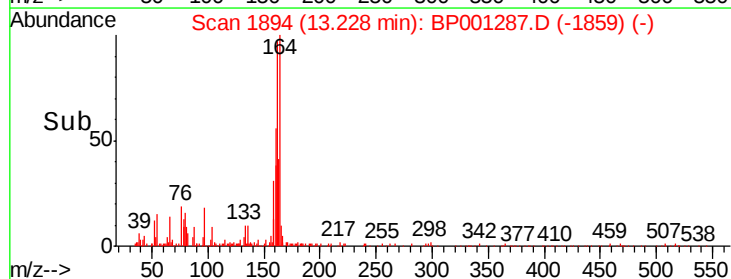
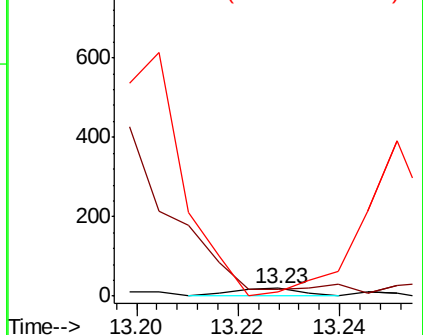
154 60.0 57.4 86.2

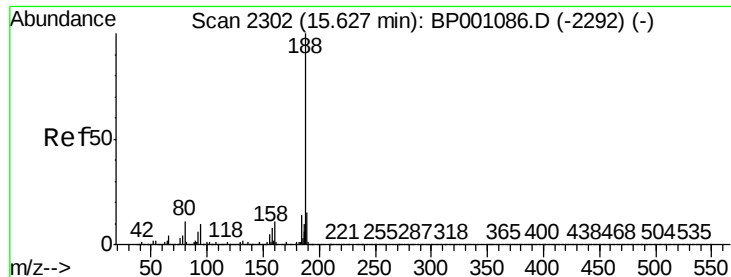


Abundance Ion 184.00 (183.70 to 184.70): E

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: BP001287.D

Acq: 09 Dec 2019 23:43

Instrument :

BNA_P

ClientSampleId :

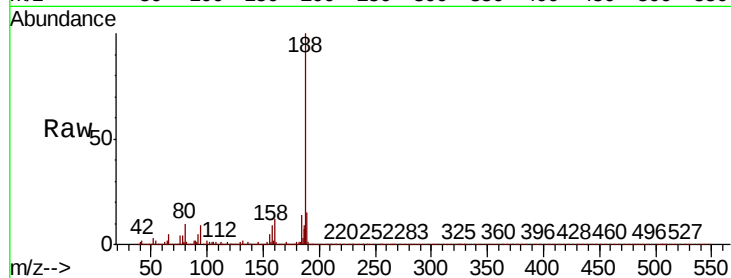
Tot Ion:188 Resp: 266036

Ion Ratio Lower Upper

188 100

94 8.6 7.1 10.7

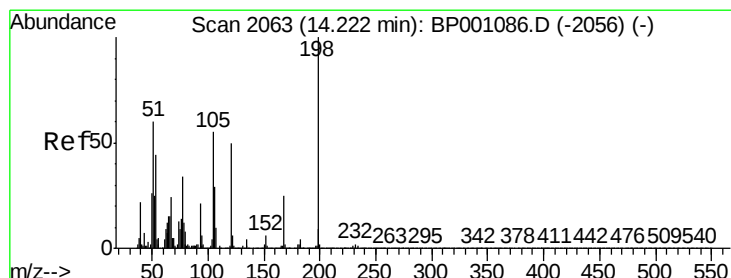
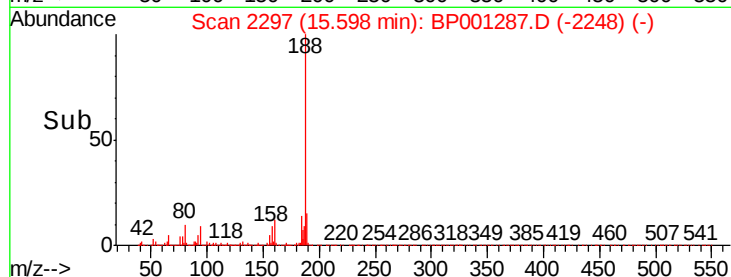
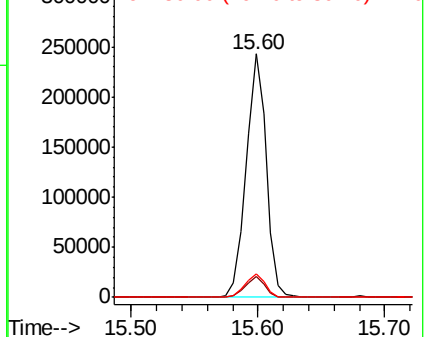
80 9.6 7.8 11.6



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: 6.292 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.28 min

Lab File: BP001287.D

Acq: 09 Dec 2019 23:43

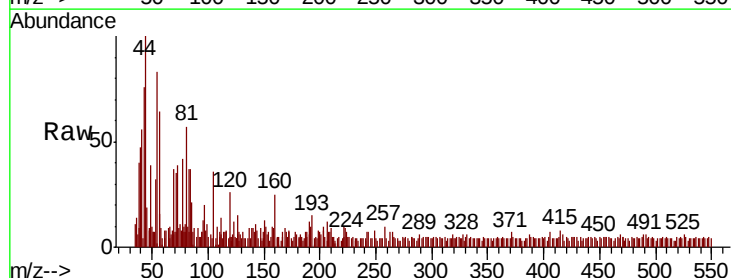
Tgt Ion:198 Resp: 21

Ion Ratio Lower Upper

198 100

51 172.2 36.2 76.2#

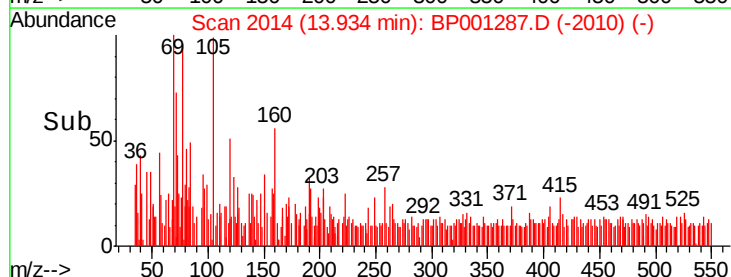
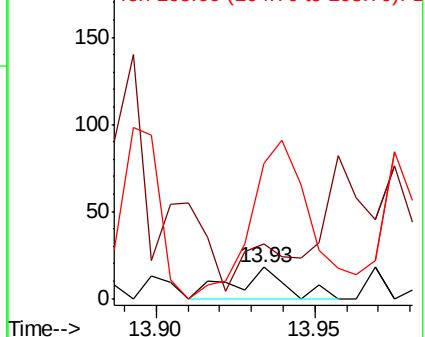
105 433.3 30.2 70.2#

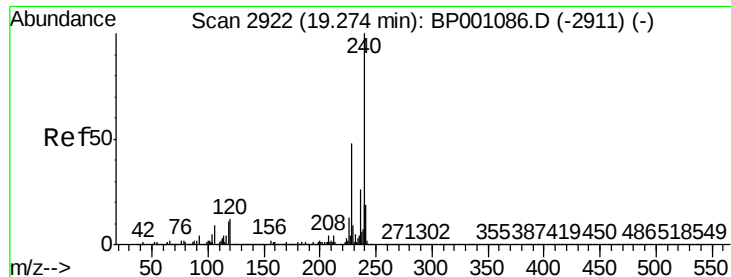


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

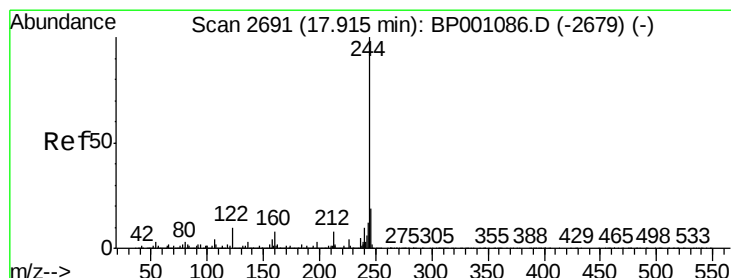
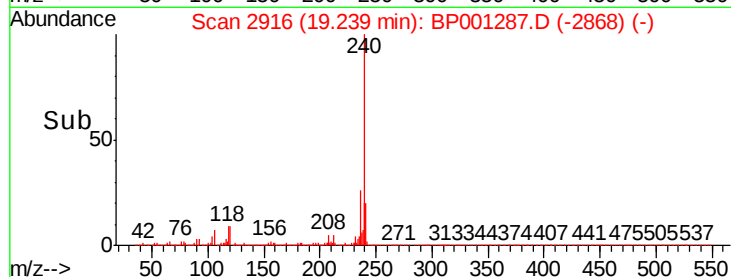
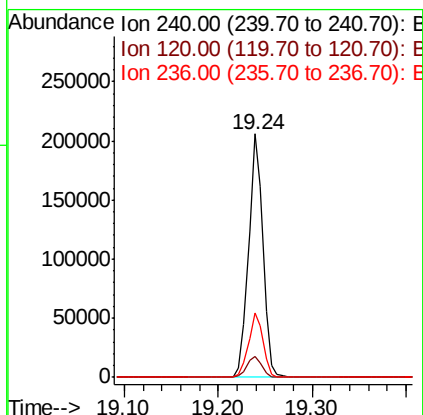
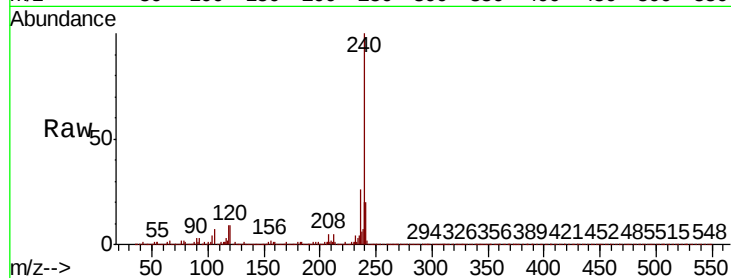




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001287.D
Acq: 09 Dec 2019 23:43

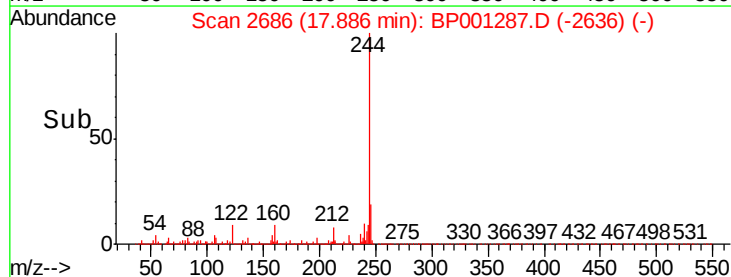
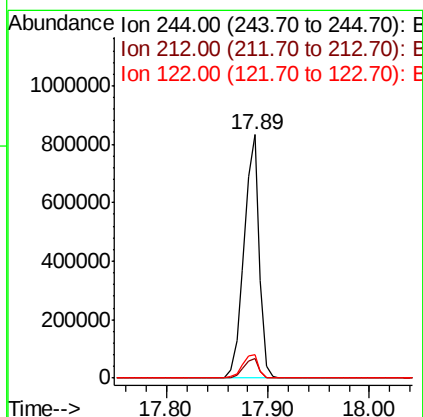
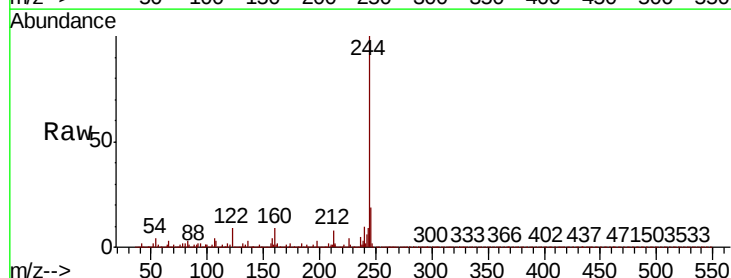
Instrument :
BNA_P
ClientSampleId :

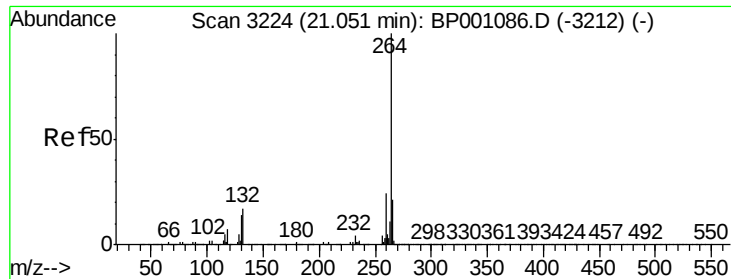
Tot Ion:240 Resp: 217822
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.3 21.7 32.5



#79
Terphenyl-d14
Concen: 72.991 ng
RT: 17.89 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BP001287.D
Acq: 09 Dec 2019 23:43

Tgt Ion:244 Resp: 859363
Ion Ratio Lower Upper
244 100
212 8.2 6.6 9.8
122 9.4 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: BP001287.D
Acq: 09 Dec 2019 23:43

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 264 Resp: 237864
Ion Ratio Lower Upper
264 100
260 23.5 19.4 29.0
265 21.1 17.1 25.7

