

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001266.D
 Acq On : 07 Dec 2019 21:03
 Operator : JU
 Sample : K6147-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 09 00:45:15 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

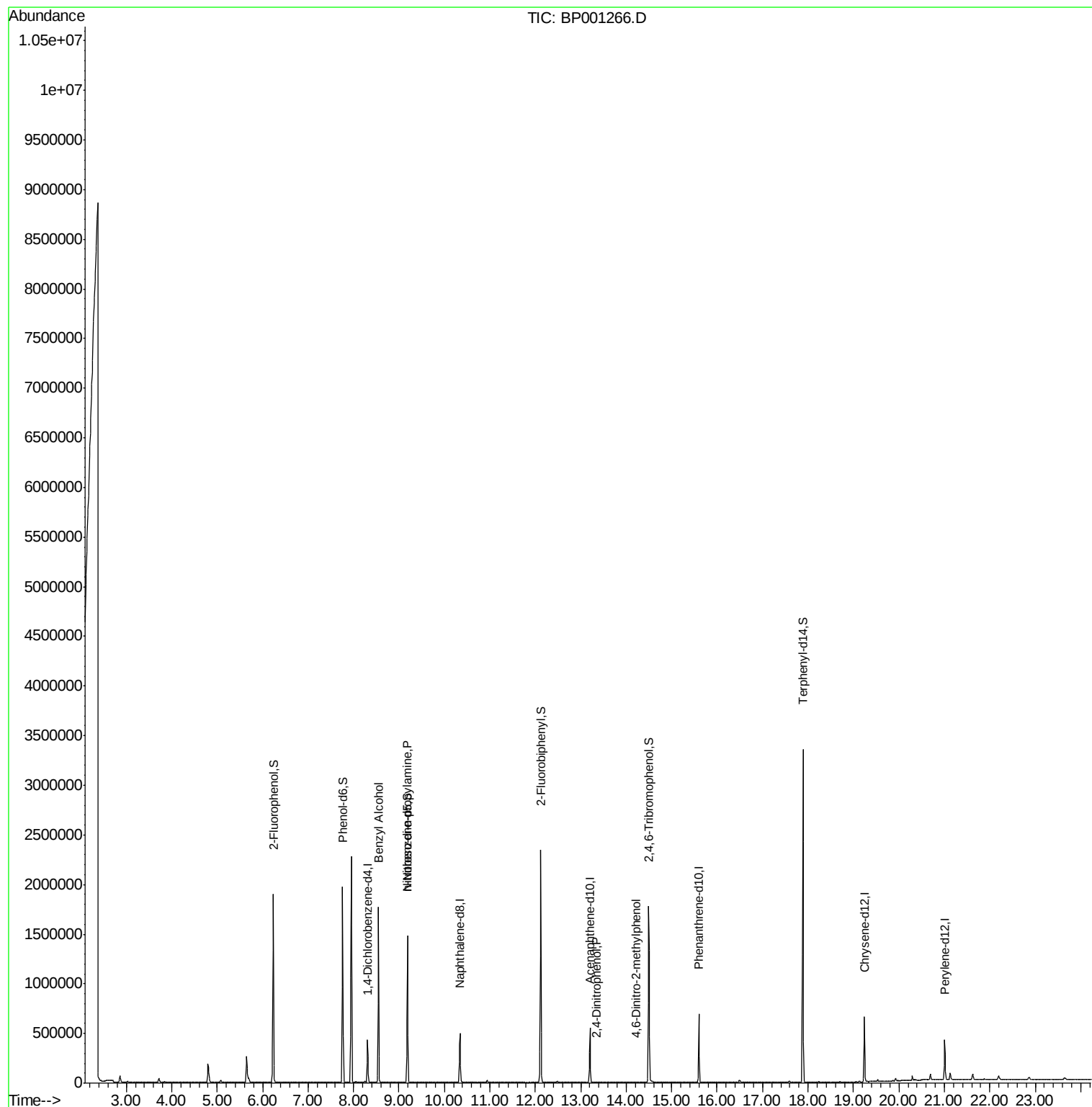
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	73421	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	274326	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	157004	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	304962	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	240052	20.00	ng	-0.02
87) Perylene-d12	21.01	264	196963	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	621477	140.43	ng	0.03
7) Phenol-d6	7.76	99	820107	139.10	ng	0.00
23) Nitrobenzene-d5	9.19	82	591098	93.48	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	242969	161.45	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	998459	93.08	ng	-0.01
79) Terphenyl-d14	17.89	244	1284859	99.02	ng	0.00
Target Compounds						
9) Benzaldehyde	7.59	77	232	Below Cal	#	1
15) Benzyl Alcohol	8.55	79	11510	2.378 ng	#	61
19) n-Nitroso-di-n-propylamine	9.19	70	86412	20.312 ng	#	80
54) 2,4-Dinitrophenol	13.35	184	3	7.112 ng	#	95
65) 4,6-Dinitro-2-methylphenol	14.22	198	21	6.290 ng	#	23

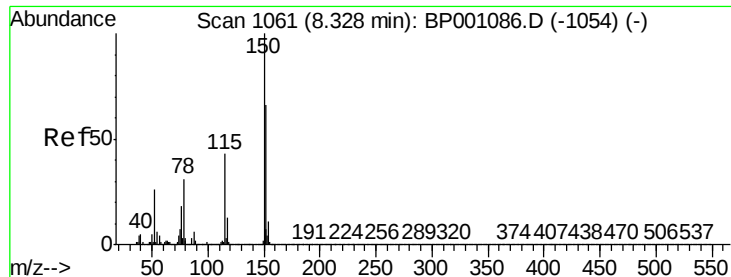
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

Instrument :

BNA_P

ClientSampleId :

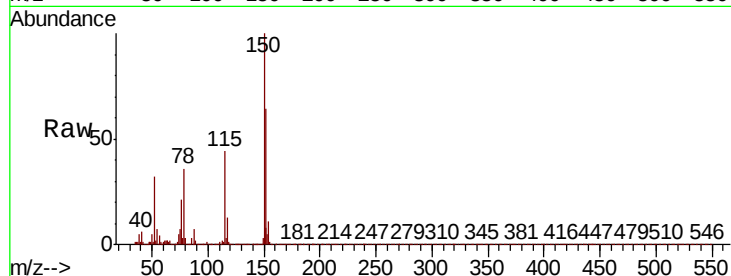
Tot Ion:152 Resp: 73421

Ion Ratio Lower Upper

152 100

150 157.5 127.3 190.9

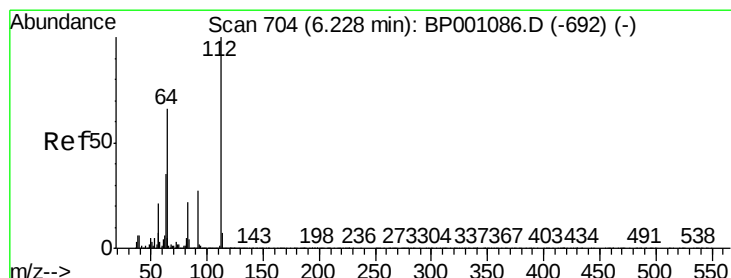
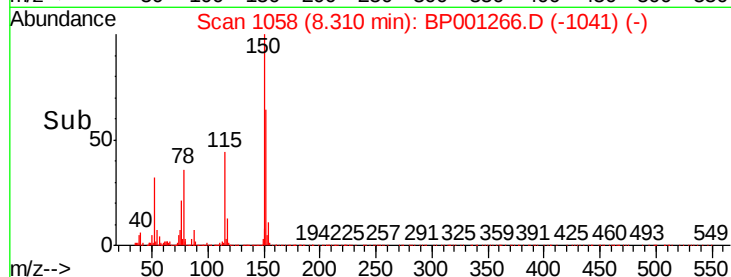
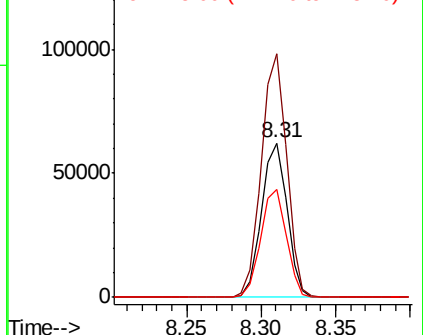
115 69.4 56.0 84.0



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: 140.434 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.03 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

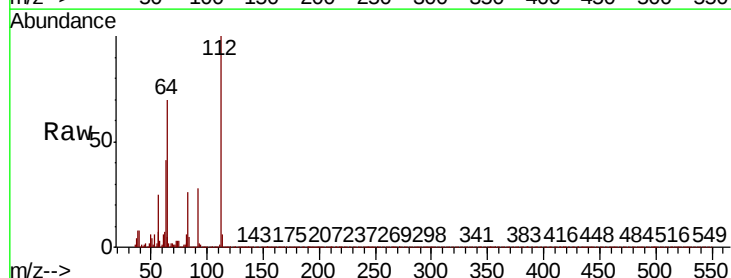
Tgt Ion:112 Resp: 621477

Ion Ratio Lower Upper

112 100

64 69.8 56.8 85.2

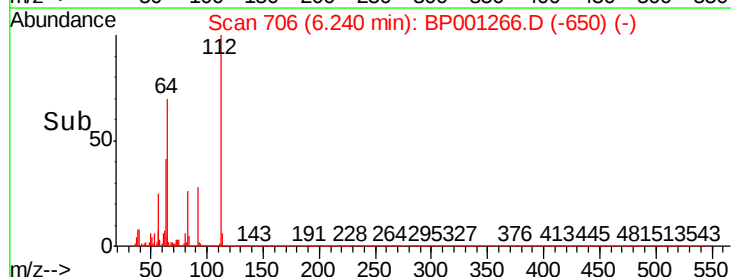
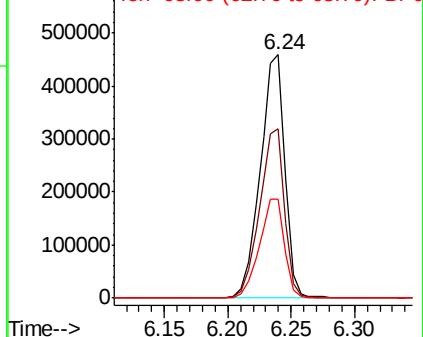
63 40.8 32.2 48.2

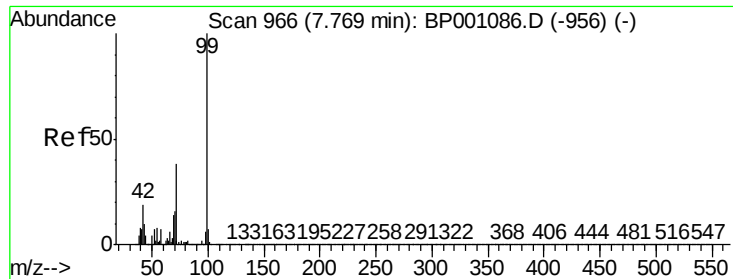


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 139.102 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

Instrument :

BNA_P

ClientSampleId :

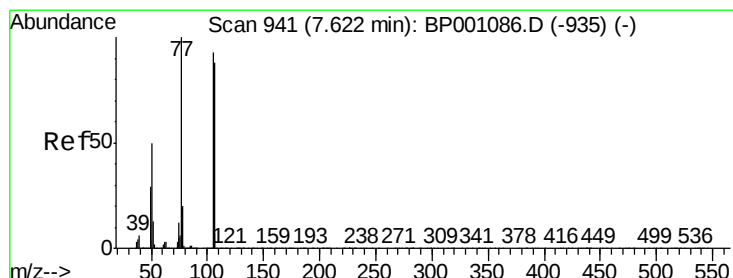
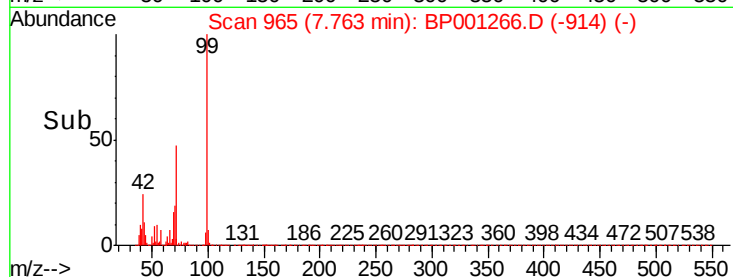
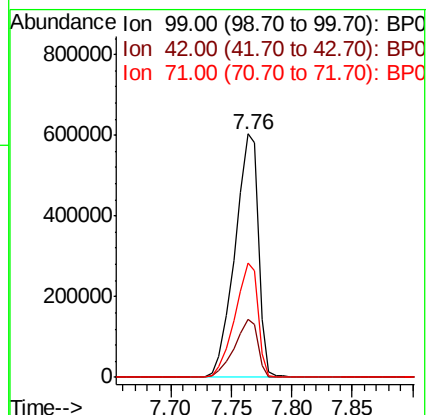
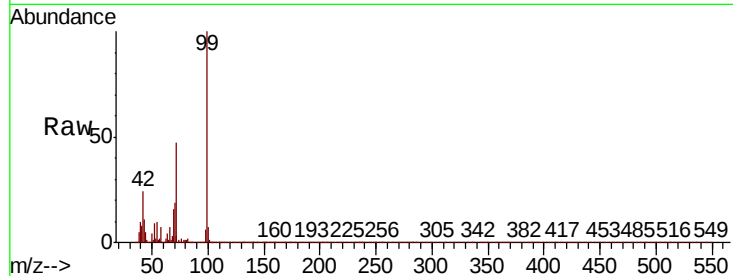
Tot Ion: 99 Resp: 820107

Ion Ratio Lower Upper

99 100

42 24.0 17.6 26.4

71 47.0 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.59 min Scan# 935

Delta R.T. -0.02 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

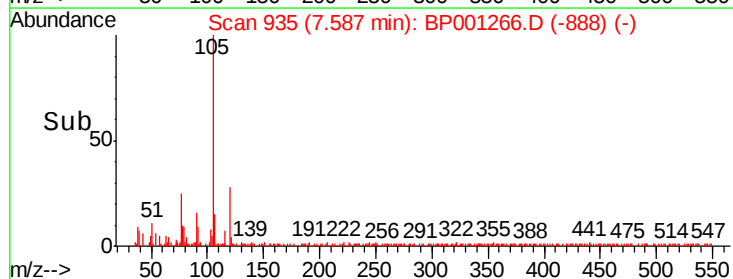
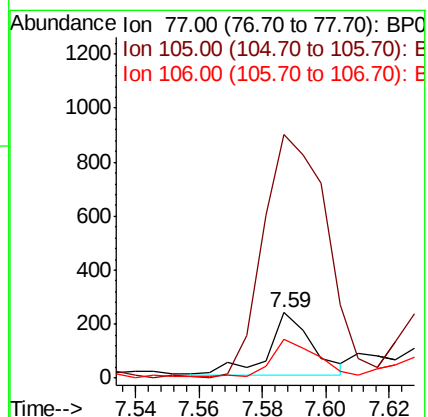
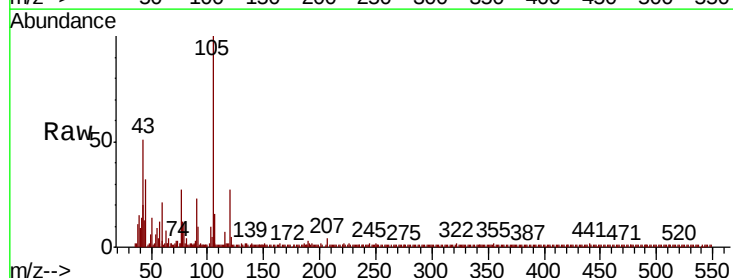
Tgt Ion: 77 Resp: 232

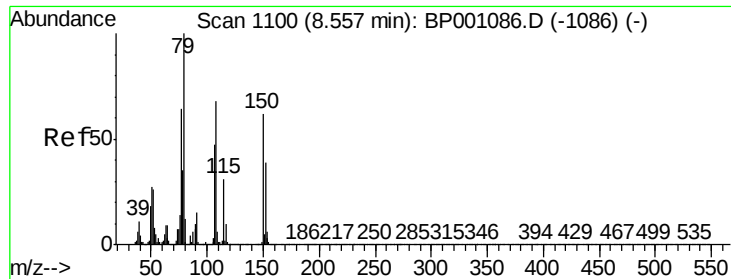
Ion Ratio Lower Upper

77 100

105 371.2 69.7 109.7#

106 60.1 67.1 107.1#





#15

Benzyl Alcohol

Concen: 2.378 ng

RT: 8.55 min Scan# 1099

Delta R.T. 0.01 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

Instrument :

BNA_P

ClientSampleId :

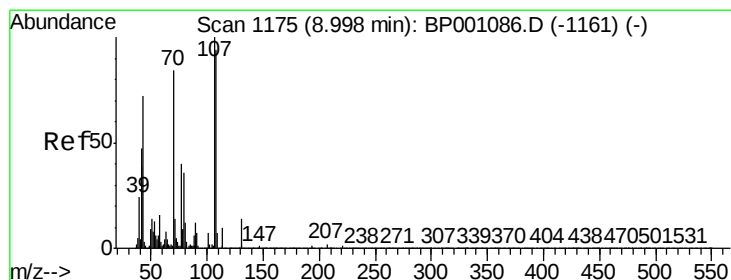
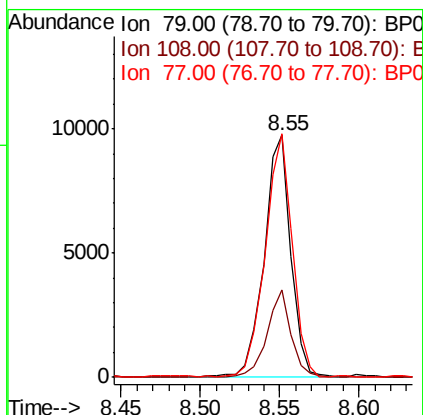
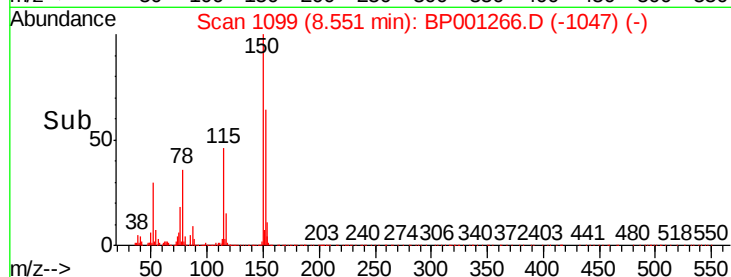
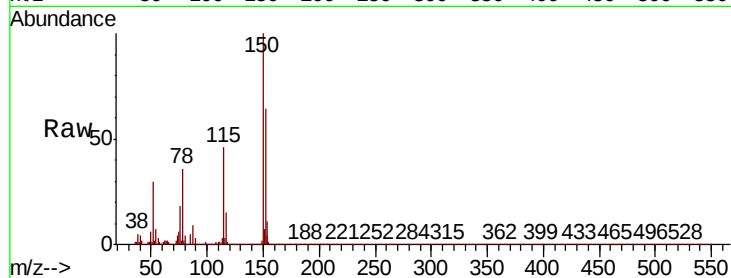
Tot Ion: 79 Resp: 11510

Ion Ratio Lower Upper

79 100

108 36.3 51.6 77.4#

77 100.5 53.5 80.3#



#19

n-Nitroso-di-n-propylamine

Concen: 20.312 ng

RT: 9.19 min Scan# 1207

Delta R.T. 0.21 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

Tgt Ion: 70 Resp: 86412

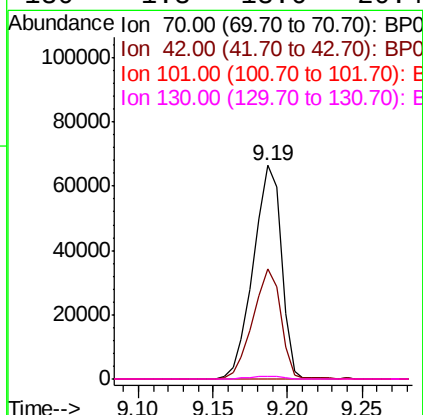
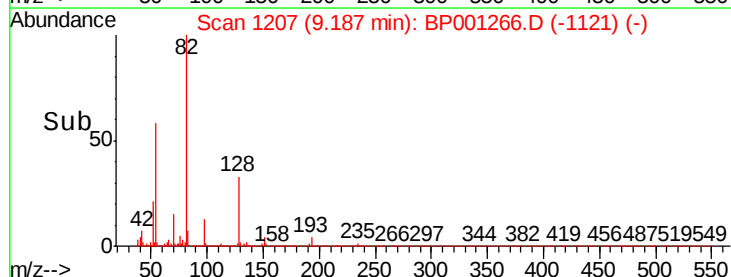
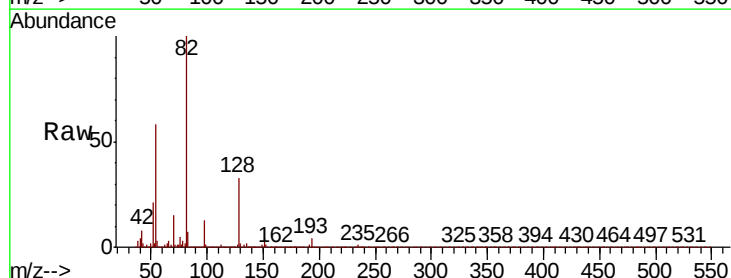
Ion Ratio Lower Upper

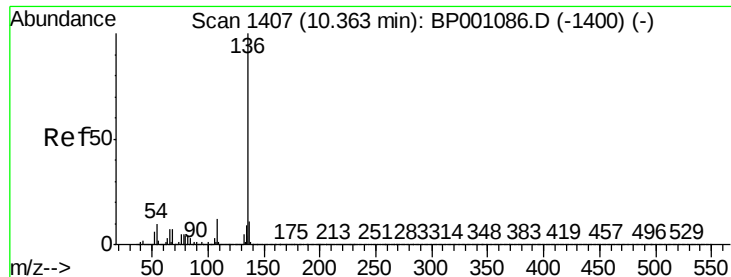
70 100

42 51.8 50.6 76.0

101 0.1 7.1 10.7#

130 1.3 13.6 20.4#

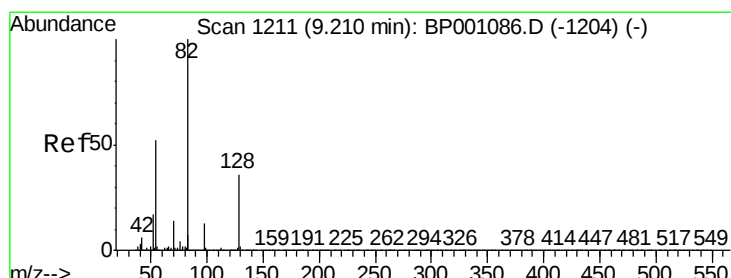
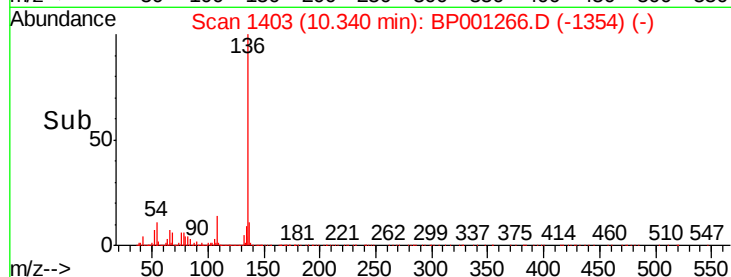
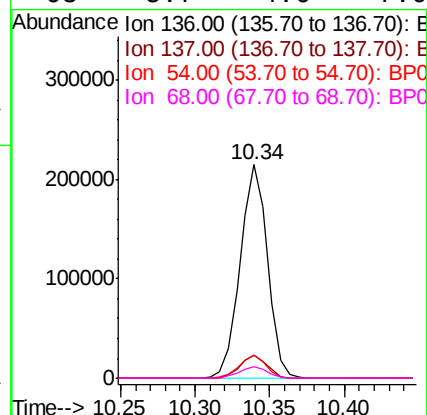
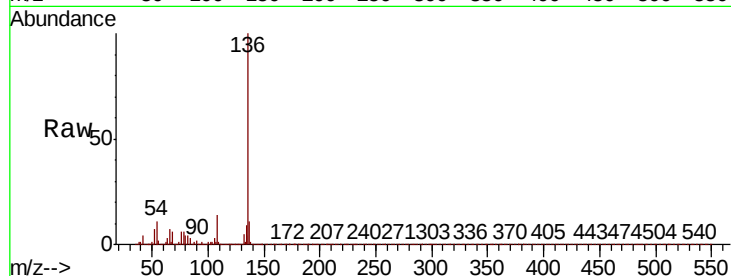




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001266.D
Acq: 07 Dec 2019 21:03

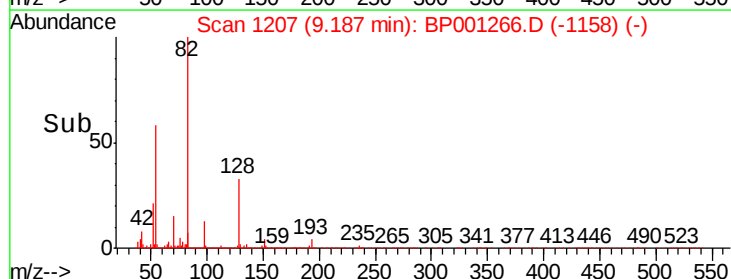
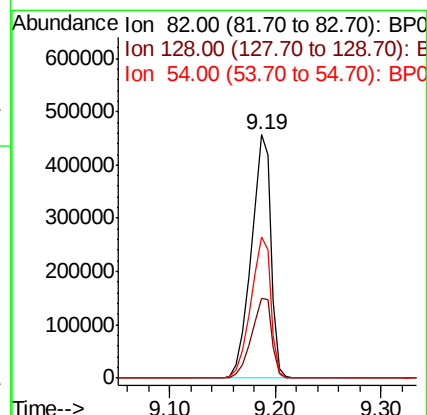
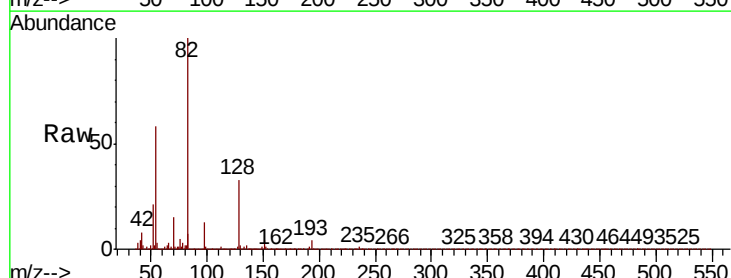
Instrument :
BNA_P
ClientSampleId :

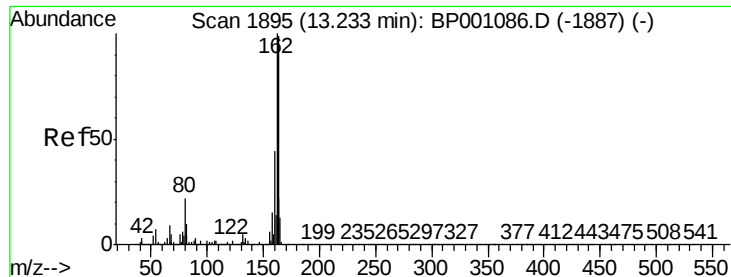
Tot Ion:136	Resp:	274326	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.4	12.6	
54 10.9	7.4	11.0	
68 5.7	4.6	7.0	



#23
Nitrobenzene-d5
Concen: 93.485 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001266.D
Acq: 07 Dec 2019 21:03

Tgt Ion: 82	Resp: 591098
Ion Ratio	Lower Upper
82 100	
128 32.7	27.5 41.3
54 58.0	45.7 68.5

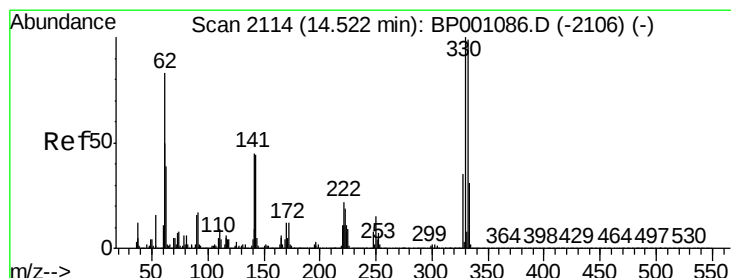
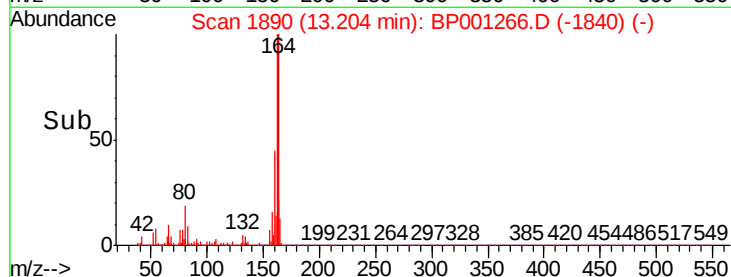
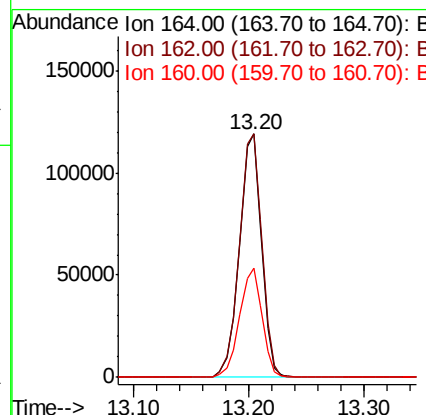
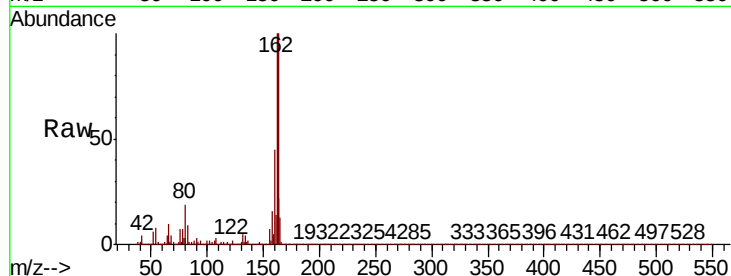




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001266.D
Acq: 07 Dec 2019 21:03

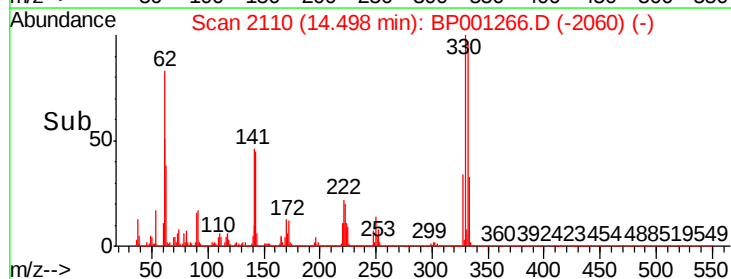
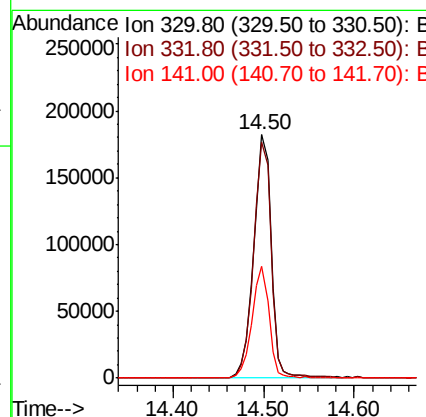
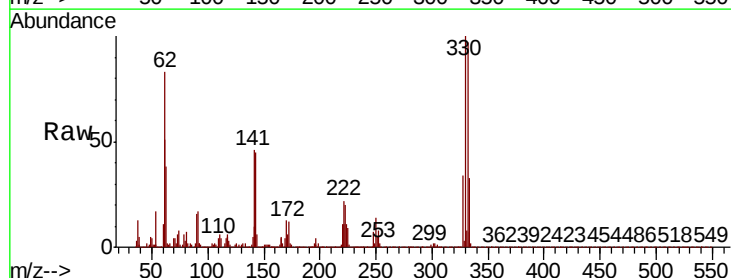
Instrument :
BNA_P
ClientSampleId :

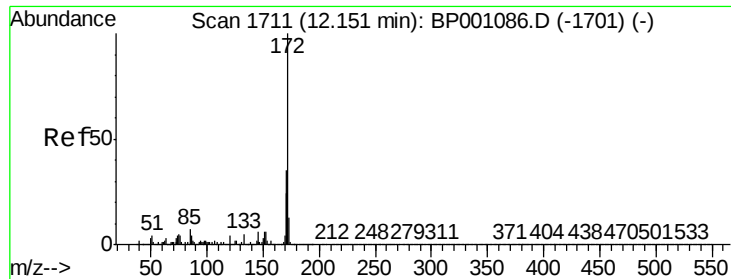
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	45.1	36.3	54.5



#42
2,4,6-Tribromophenol
Concen: 161.454 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001266.D
Acq: 07 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.2	79.1	118.7
141	45.4	35.9	53.9

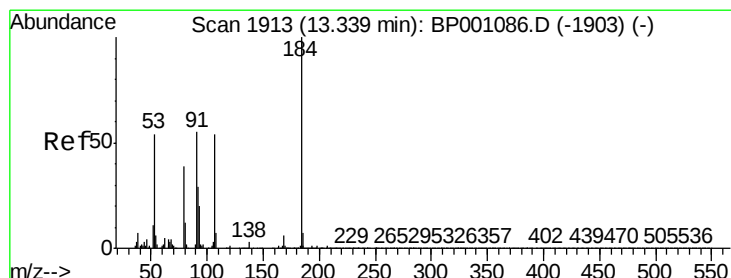
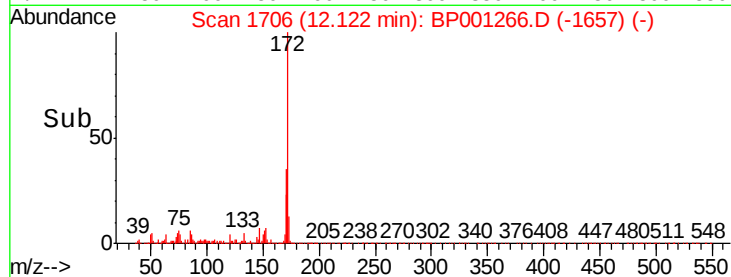
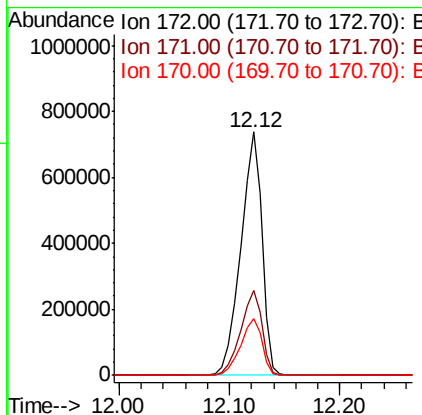
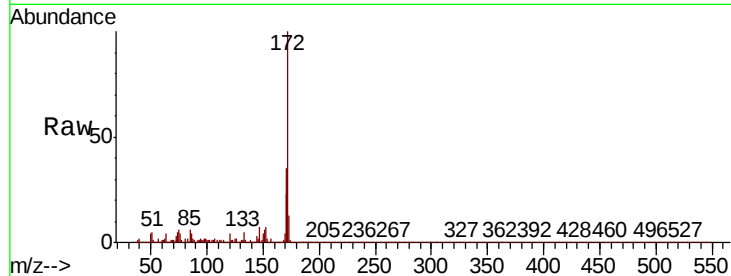




#45
2-Fluorobiphenyl
Concen: 93.075 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001266.D
Acq: 07 Dec 2019 21:03

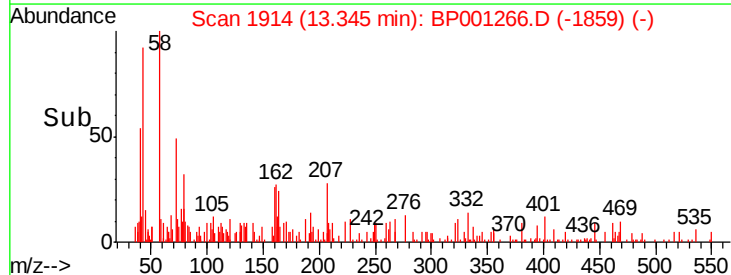
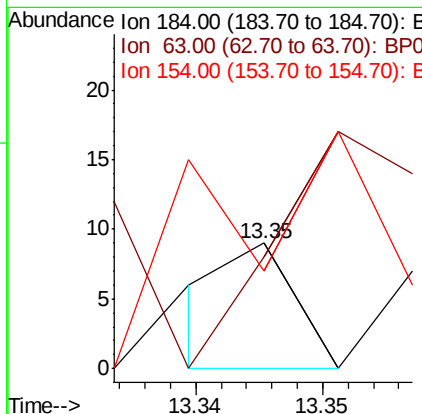
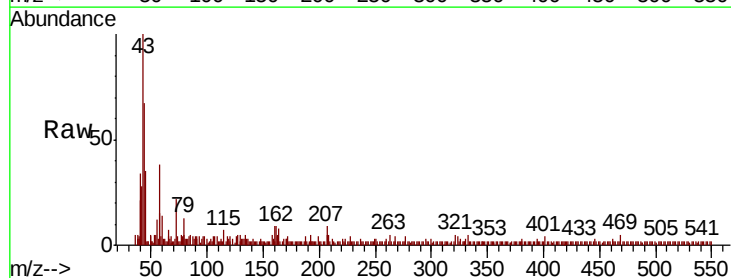
Instrument :
BNA_P
ClientSampleId :

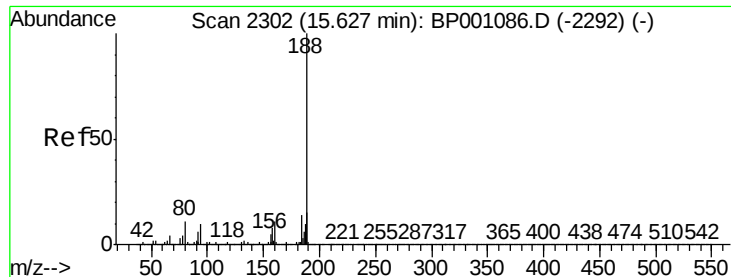
Tot Ion:172 Resp: 998459
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.4 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.112 ng
RT: 13.35 min Scan# 1914
Delta R.T. 0.02 min
Lab File: BP001266.D
Acq: 07 Dec 2019 21:03

Tgt Ion:184 Resp: 3
Ion Ratio Lower Upper
184 100
63 88.9 69.4 104.0
154 77.8 57.4 86.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

Instrument :

BNA_P

ClientSampleId :

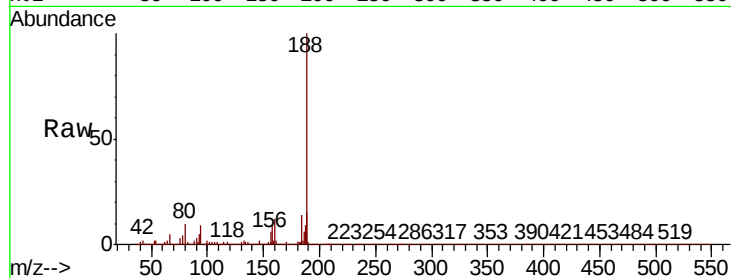
Tot Ion:188 Resp: 304962

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

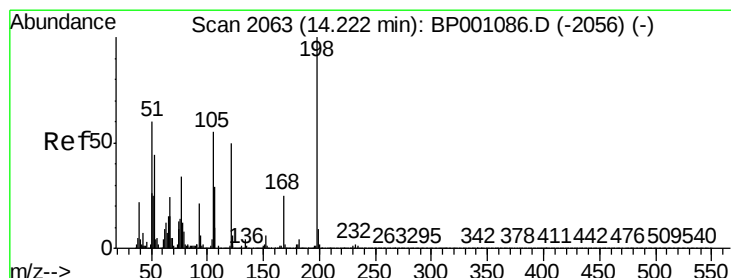
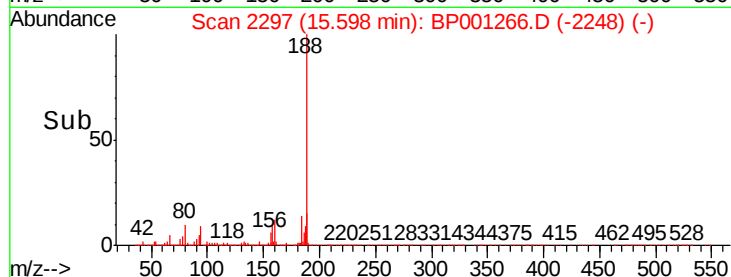
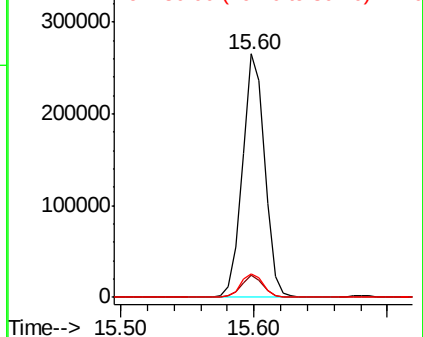
80 9.6 7.8 11.6



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: 6.290 ng

RT: 14.22 min Scan# 2063

Delta R.T. 0.01 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

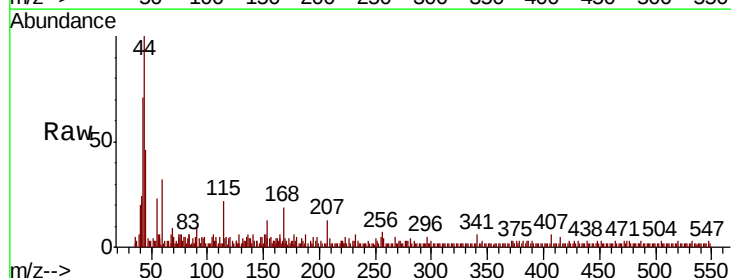
Tgt Ion:198 Resp: 21

Ion Ratio Lower Upper

198 100

51 88.2 36.2 76.2#

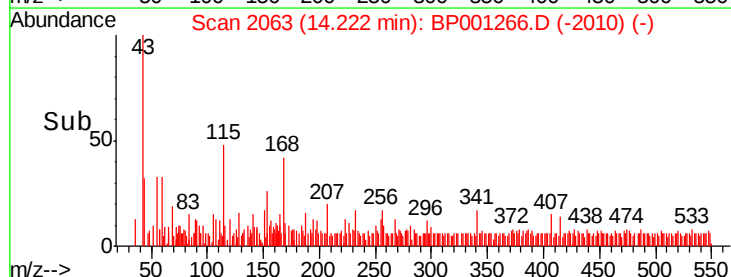
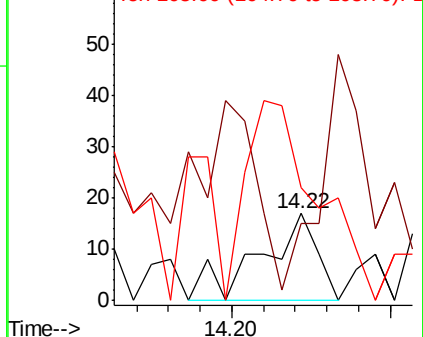
105 129.4 30.2 70.2#

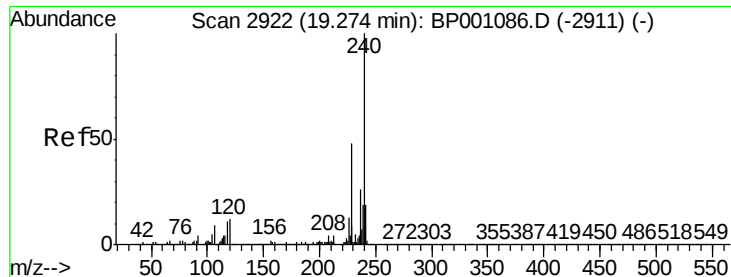


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

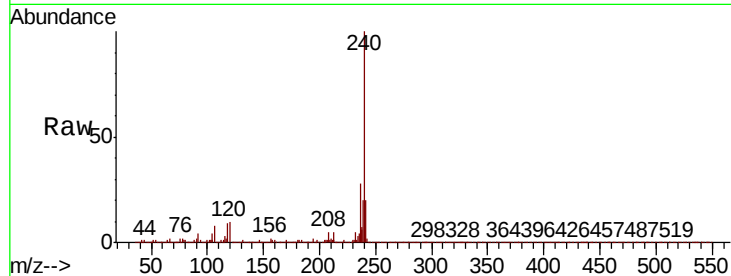




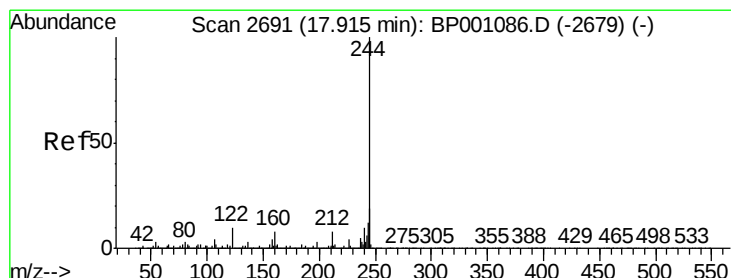
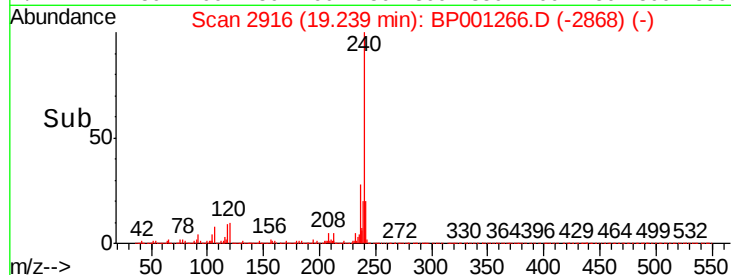
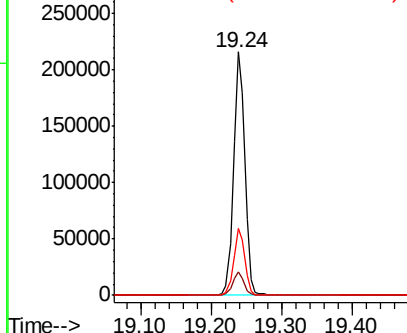
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.24 min Scan# 2916
 Delta R.T. -0.02 min
 Lab File: BP001266.D
 Acq: 07 Dec 2019 21:03

Instrument :
 BNA_P
 ClientSampleID :

Tot Ion:240 Resp: 240052
 Ion Ratio Lower Upper
 240 100
 120 9.7 7.0 10.6
 236 27.5 21.7 32.5

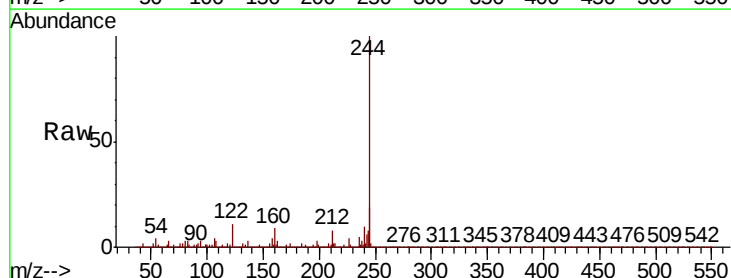


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

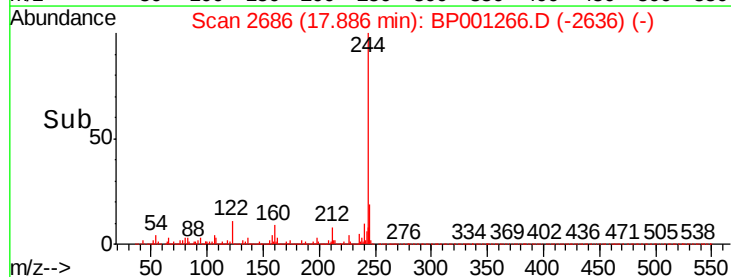
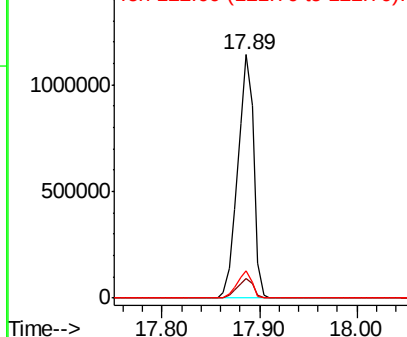


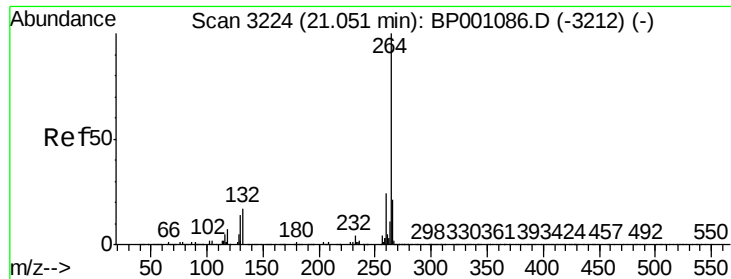
#79
 Terphenyl-d14
 Concen: 99.025 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: BP001266.D
 Acq: 07 Dec 2019 21:03

Tgt Ion:244 Resp: 1284859
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 11.4 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

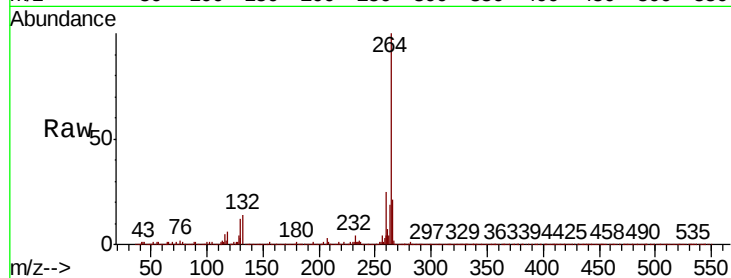




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.01 min Scan# 3217
 Delta R.T. -0.02 min
 Lab File: BP001266.D
 Acq: 07 Dec 2019 21:03

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	20.9	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

