

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001367.D
 Acq On : 23 Dec 2019 15:08
 Operator : JU
 Sample : K6379-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 24 01:29:01 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

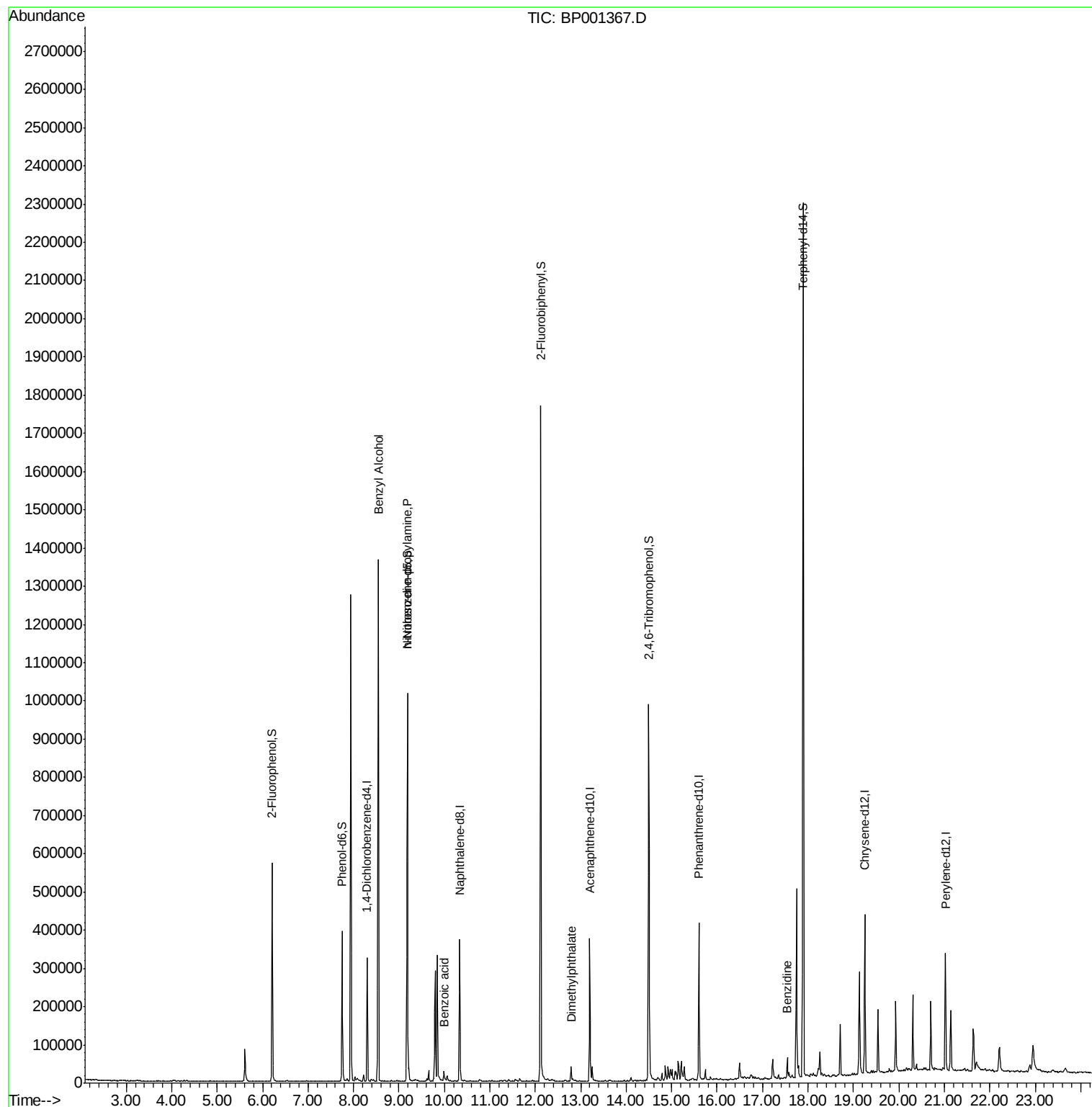
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	51303	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	175697	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	98819	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	192529	20.00	ng	0.00
76) Chrysene-d12	19.25	240	153638	20.00	ng	0.00
87) Perylene-d12	21.03	264	161527	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	159373	50.21	ng	0.01
7) Phenol-d6	7.75	99	135964	32.83	ng	0.00
23) Nitrobenzene-d5	9.19	82	404108	88.32	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	135725	109.86	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	691727	88.51	ng	0.00
79) Terphenyl-d14	17.89	244	876869	97.75	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.55	79	8746	2.250	ng	# 54
19) n-Nitroso-di-n-propylamine	9.19	70	61081	20.772	ng	# 79
32) Benzoic acid	9.98	122	22	5.033	ng	# 18
50) Dimethylphthalate	12.79	163	16587	2.046	ng	96
77) Benzidine	17.55	184	25546	5.711	ng	97

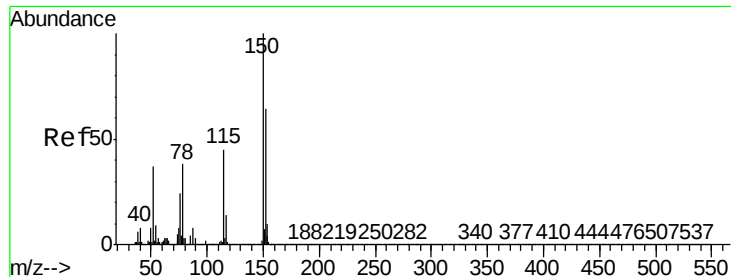
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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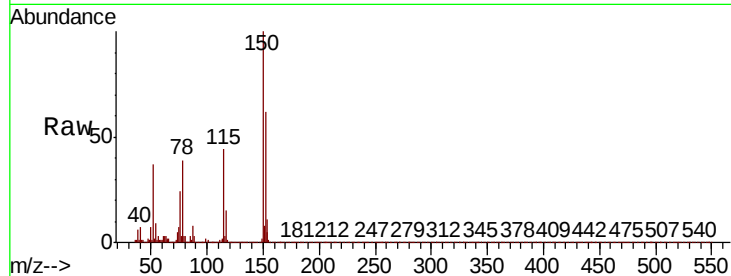




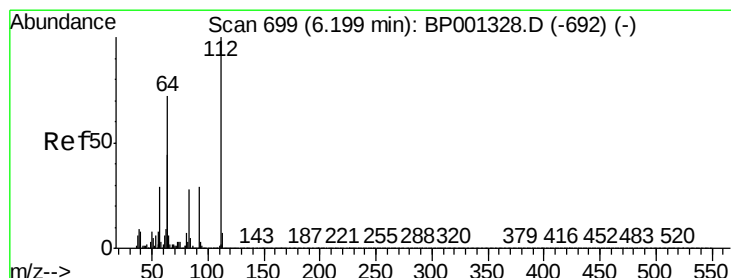
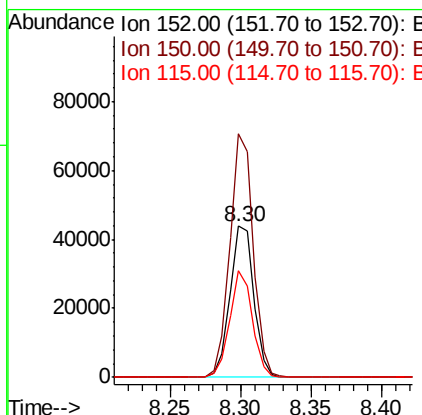
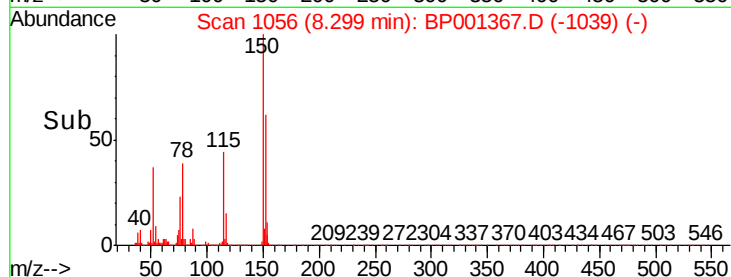
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BP001367.D
 Acq: 23 Dec 2019 15:08

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	152	Resp:	51303
Ion Ratio	Lower	Upper	
152	100		
150	161.1	124.0	186.0
115	70.3	59.3	88.9

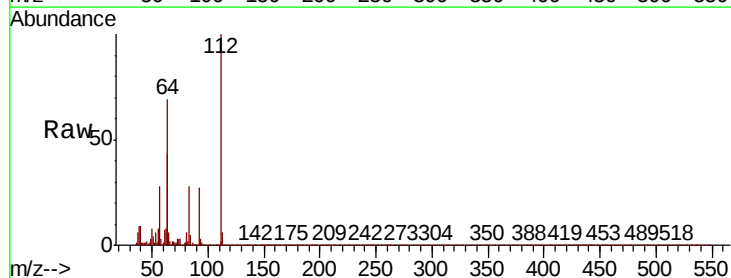


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

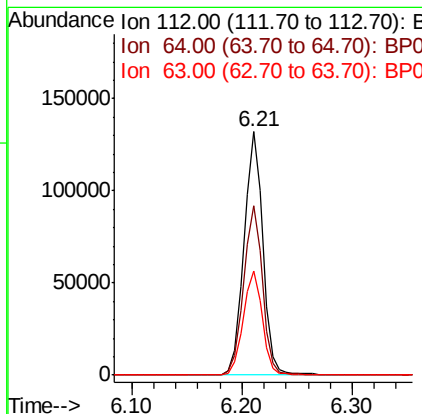
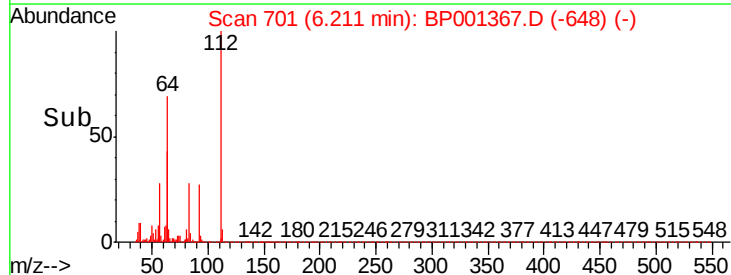


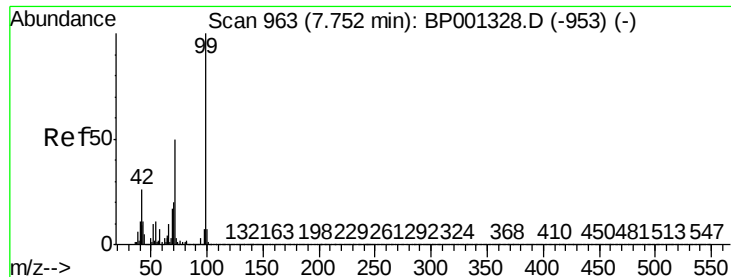
#5
 2-Fluorophenol
 Concen: 50.207 ng
 RT: 6.21 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BP001367.D
 Acq: 23 Dec 2019 15:08

Tgt Ion:	112	Resp:	159373
Ion Ratio	Lower	Upper	
112	100		
64	69.5	57.6	86.4
63	42.6	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: 32.825 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BP001367.D

Acq: 23 Dec 2019 15:08

Instrument :

BNA_P

ClientSampleId :

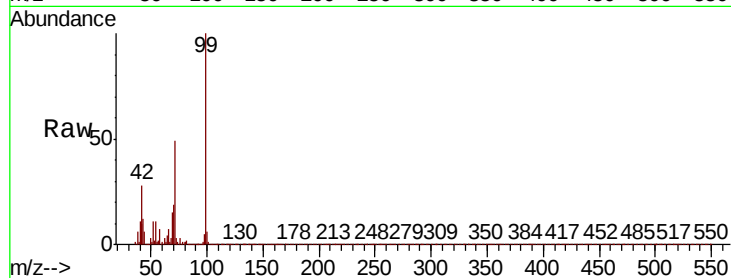
Tot Ion: 99 Resp: 135964

Ion Ratio Lower Upper

99 100

42 28.3 20.9 31.3

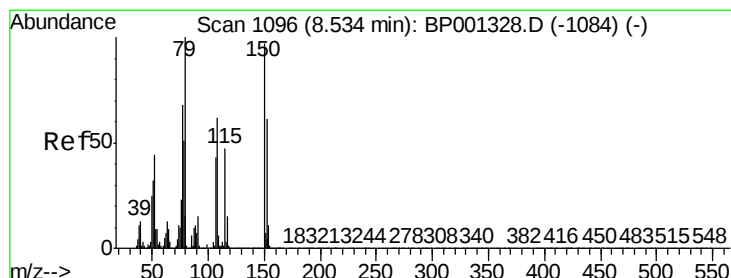
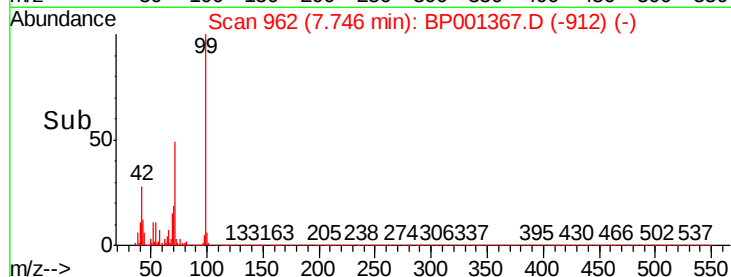
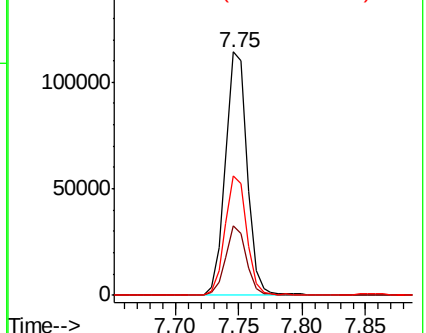
71 49.2 40.0 60.0



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



#15

Benzyl Alcohol

Concen: 2.250 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.01 min

Lab File: BP001367.D

Acq: 23 Dec 2019 15:08

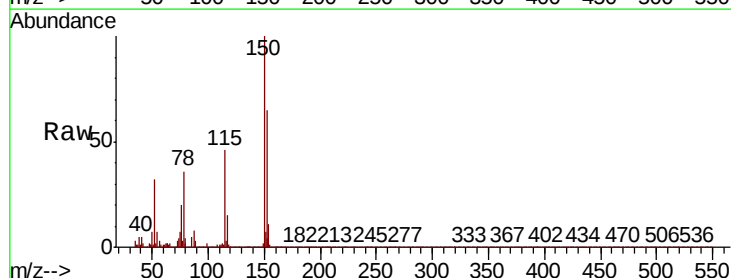
Tgt Ion: 79 Resp: 8746

Ion Ratio Lower Upper

79 100

108 32.1 49.3 73.9#

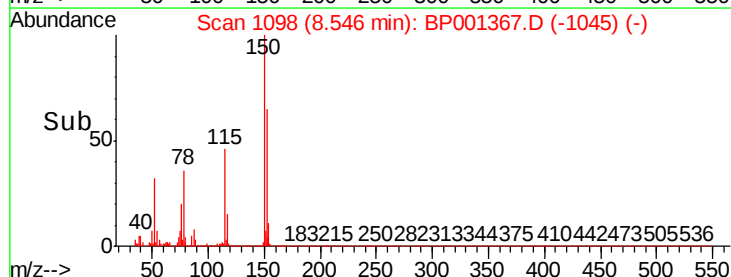
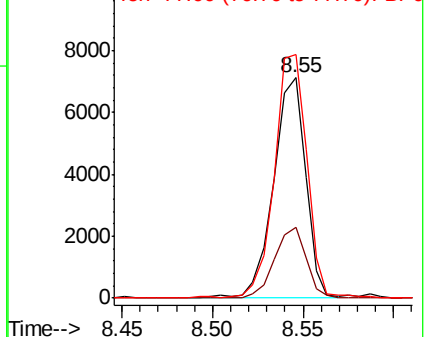
77 110.7 54.4 81.6#

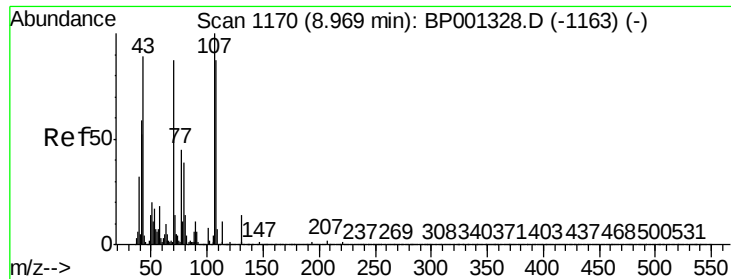


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

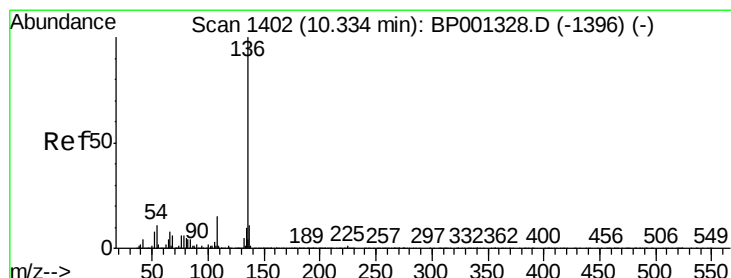
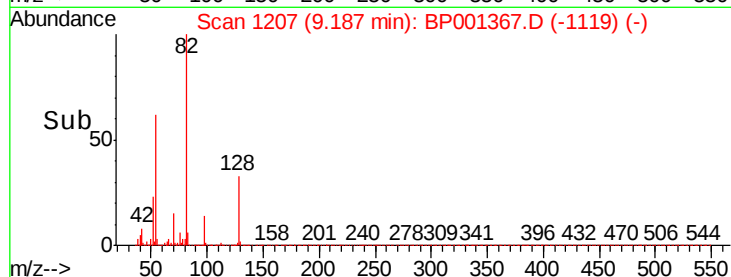
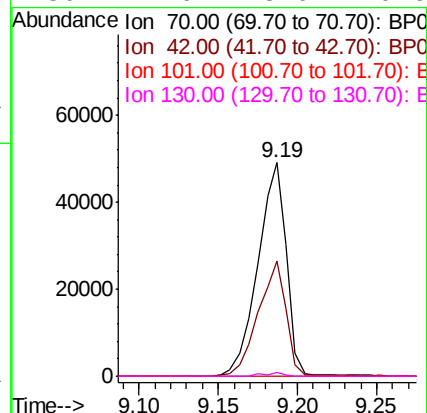
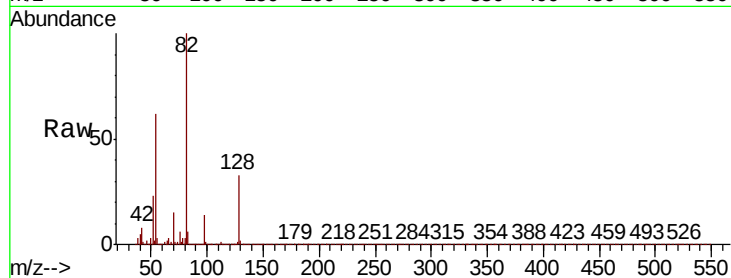




#19
n-Nitroso-di-n-propylamine
Concen: 20.772 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.22 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

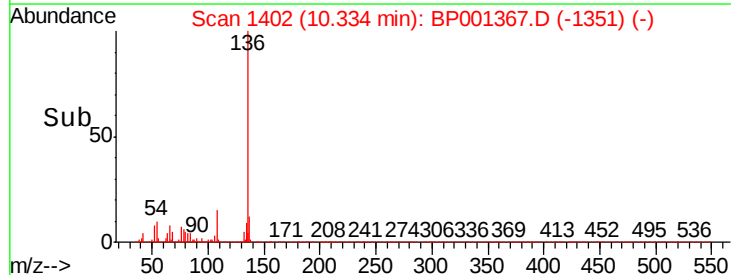
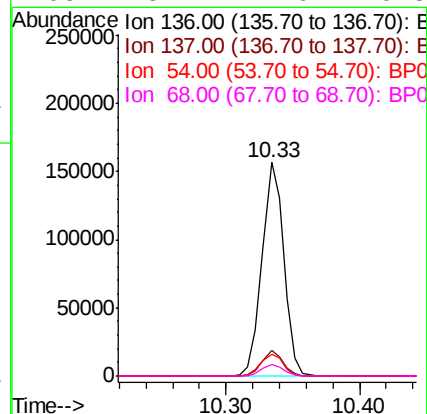
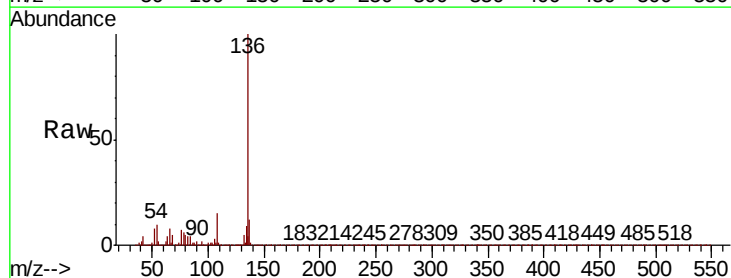
Instrument :
BNA_P
ClientSampleId :

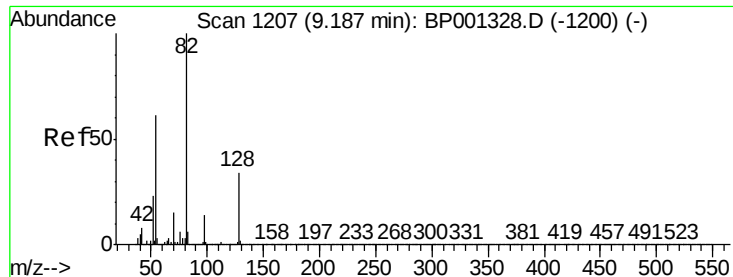
Tot Ion	Ratio	Lower	Upper
70	100		
42	53.7	54.1	81.1#
101	0.0	7.0	10.4#
130	1.6	13.0	19.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	10.5	8.8	13.2
68	5.4	4.6	6.8

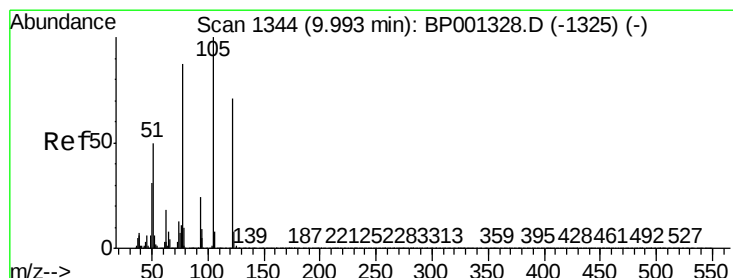
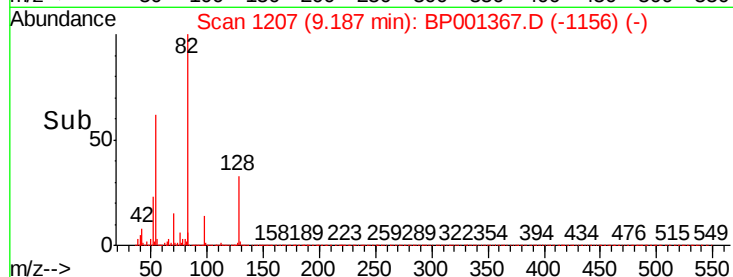
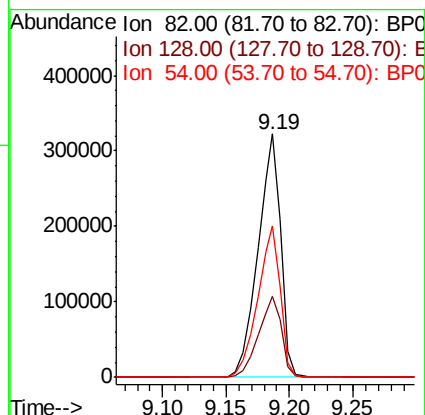
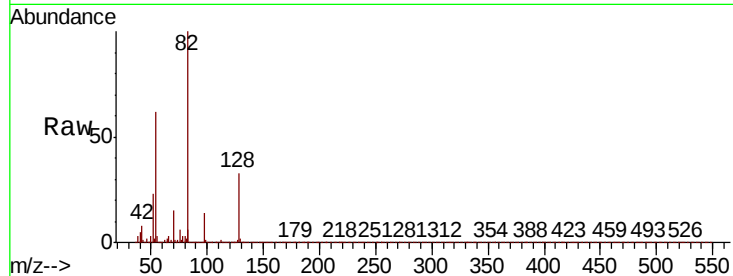




#23
 Nitrobenzene-d5
 Concen: 88.324 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BP001367.D
 Acq: 23 Dec 2019 15:08

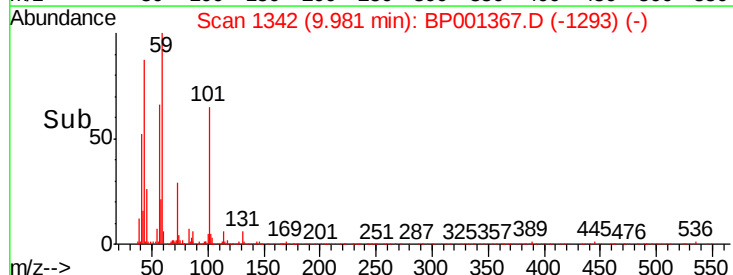
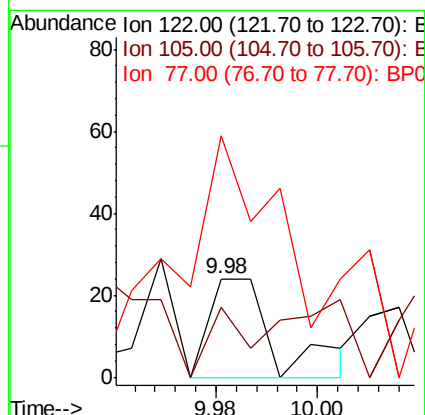
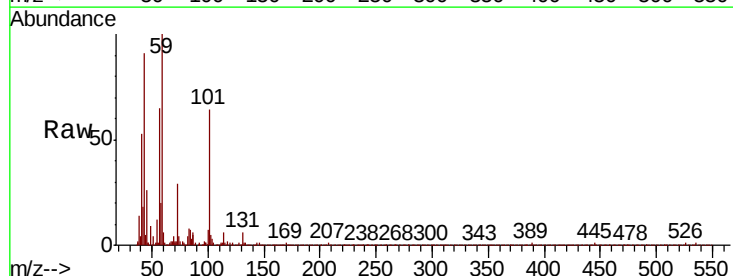
Instrument :
 BNA_P
 ClientSampleId :

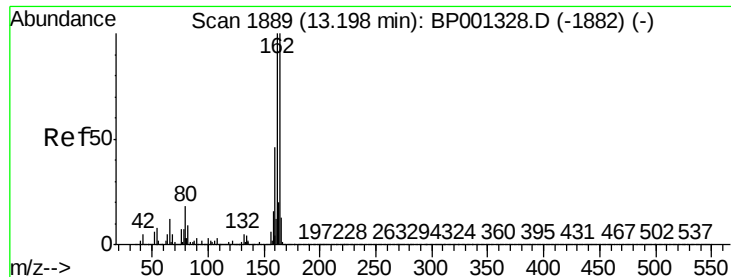
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.1	27.0	40.4
54	62.3	49.0	73.4



#32
 Benzoic acid
 Concen: 5.033 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BP001367.D
 Acq: 23 Dec 2019 15:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	70.8	118.5	158.5#
77	245.8	101.3	141.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BP001367.D

Acq: 23 Dec 2019 15:08

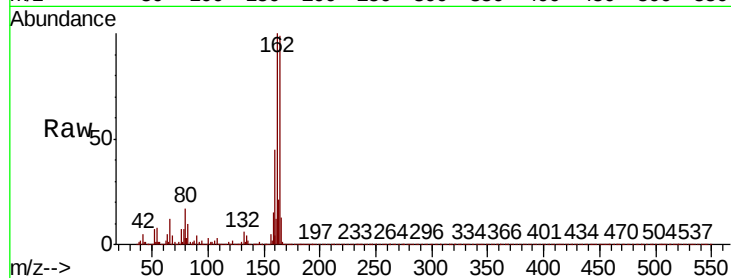
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 98819

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.3	120.5
160	45.9	36.6	54.8

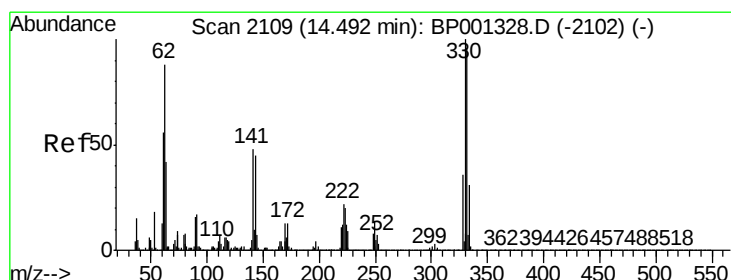
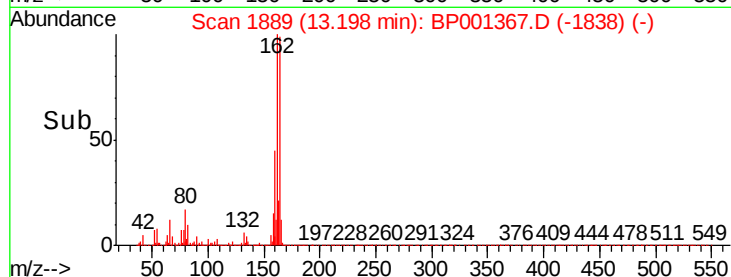
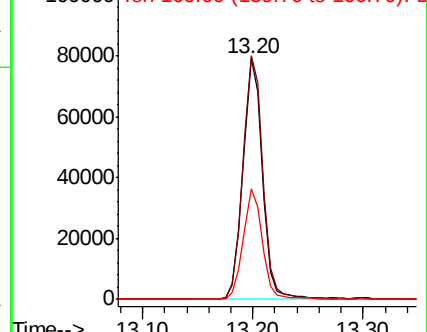


Abundance

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: 109.858 ng

RT: 14.50 min Scan# 2110

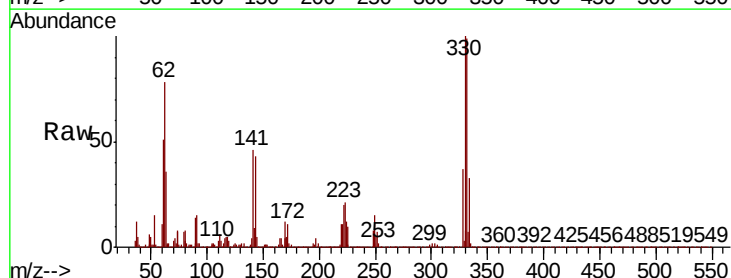
Delta R.T. 0.01 min

Lab File: BP001367.D

Acq: 23 Dec 2019 15:08

Tgt Ion:330 Resp: 135725

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.7	118.1
141	44.7	36.2	54.4

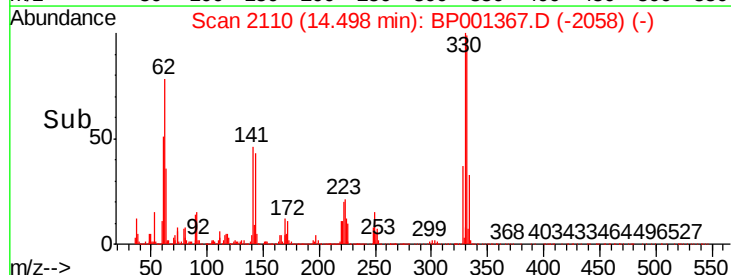
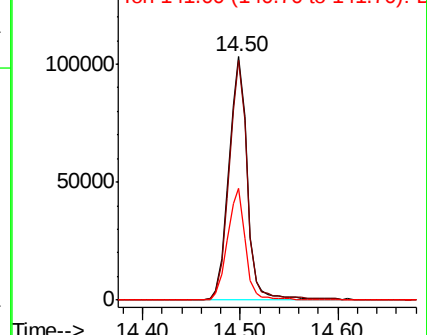


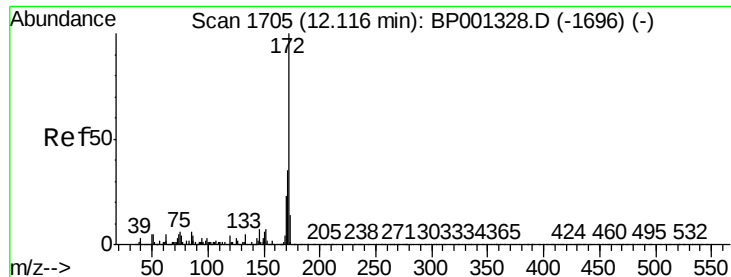
Abundance

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

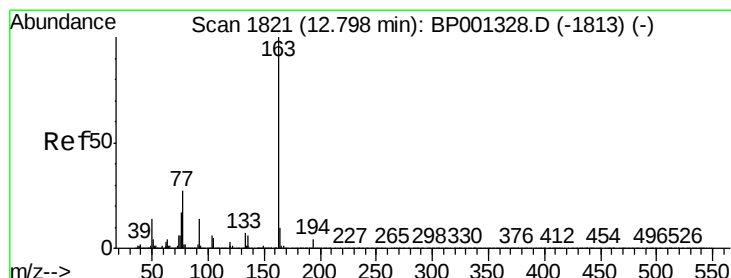
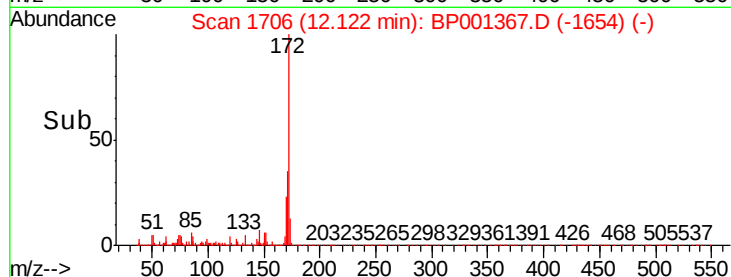
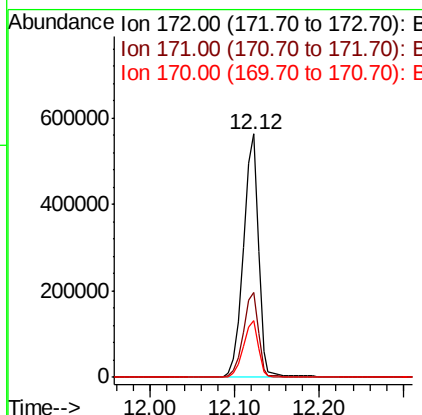
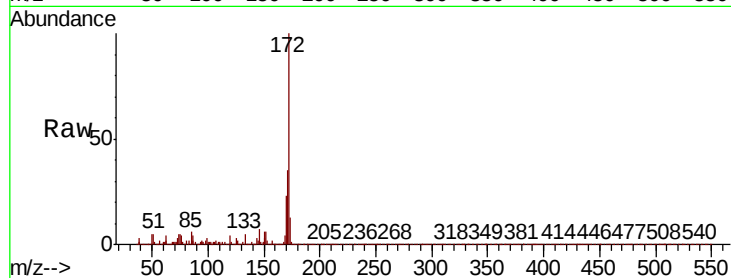




#45
2-Fluorobiphenyl
Concen: 88.513 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

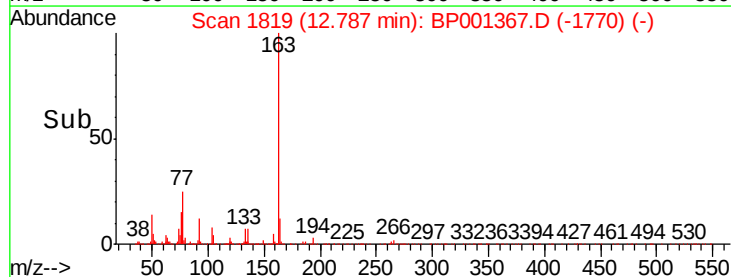
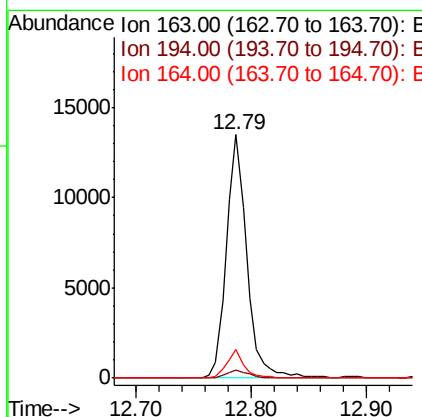
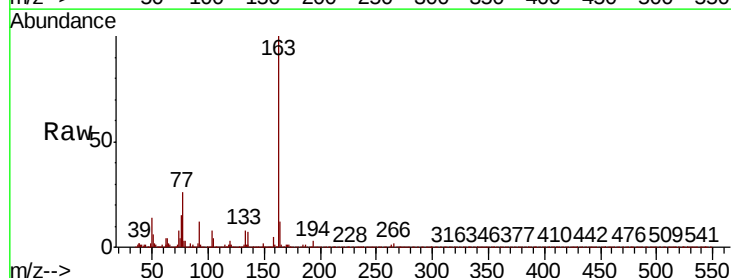
Instrument :
BNA_P
ClientSampleId :

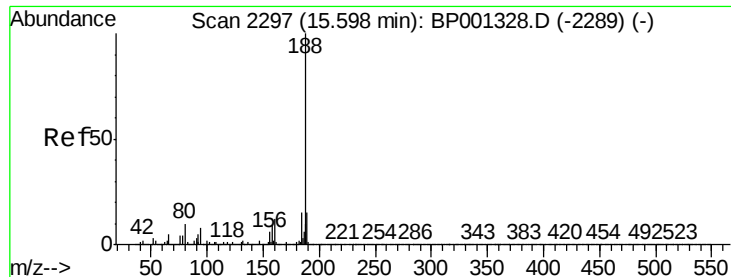
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.3	18.6	28.0



#50
Dimethylphthalate
Concen: 2.046 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.0
164	11.5	7.9	11.9

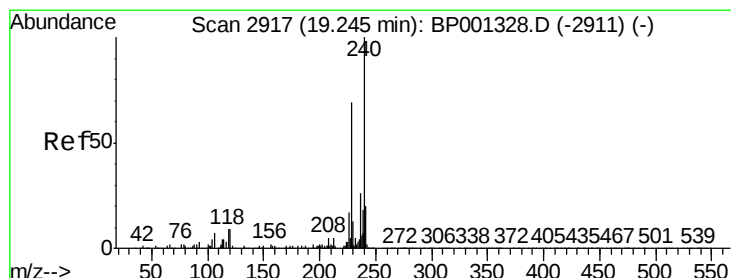
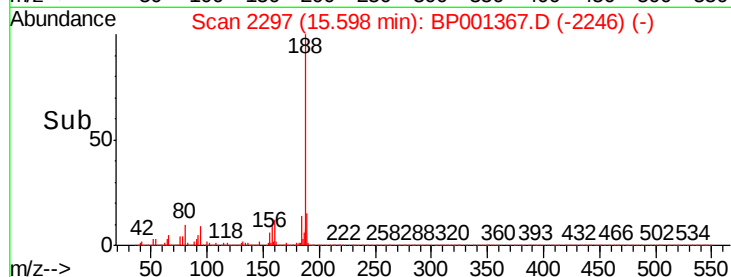
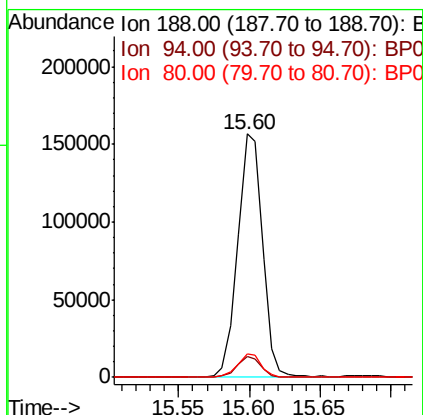
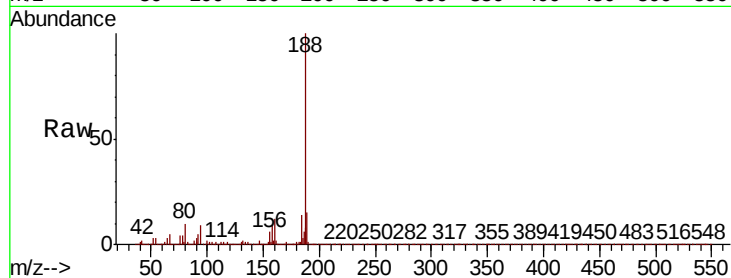




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

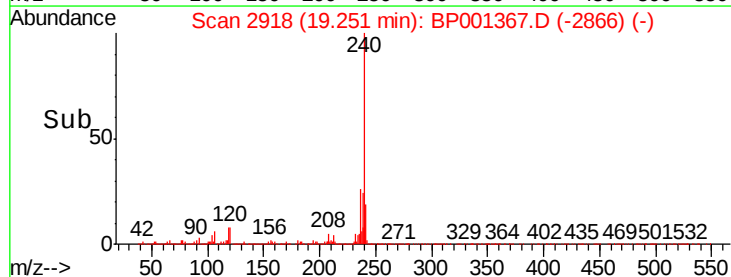
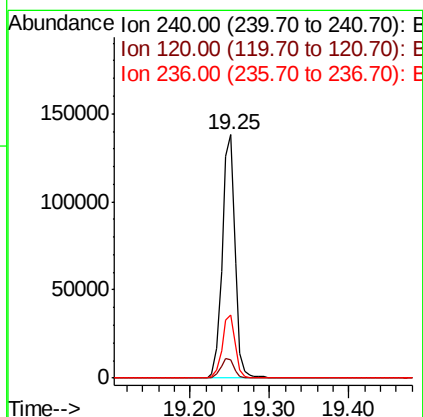
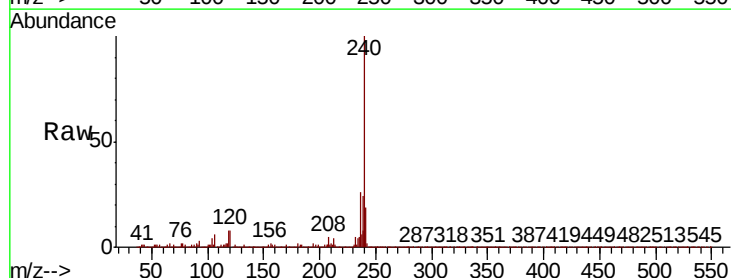
Instrument :
BNA_P
ClientSampleId :

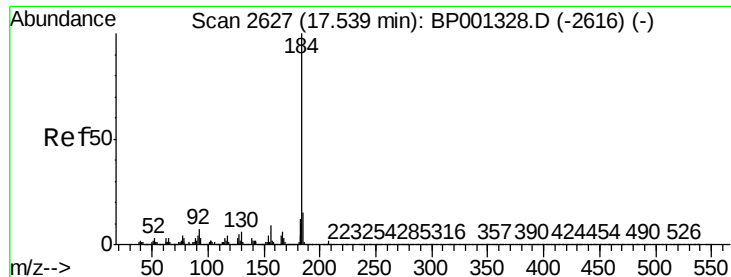
Tot Ion:188 Resp: 192529
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.7 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. 0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Tgt Ion:240 Resp: 153638
Ion Ratio Lower Upper
240 100
120 7.6 7.6 11.4#
236 26.0 21.0 31.4





#77

Benzidine

Concen: 5.711 ng

RT: 17.55 min Scan# 2628

Delta R.T. 0.01 min

Lab File: BP001367.D

Acq: 23 Dec 2019 15:08

Instrument :

BNA_P

ClientSampleId :

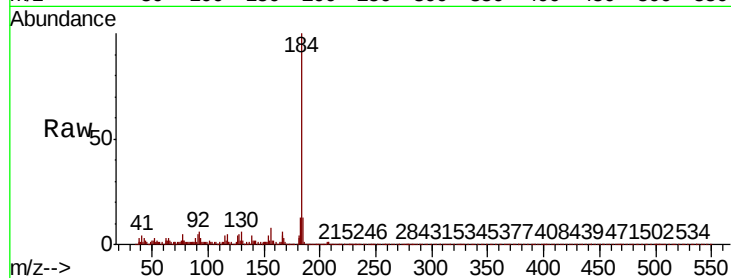
Tot Ion:184 Resp: 25546

Ion Ratio Lower Upper

184 100

185 13.3 11.7 17.5

183 13.4 9.8 14.8

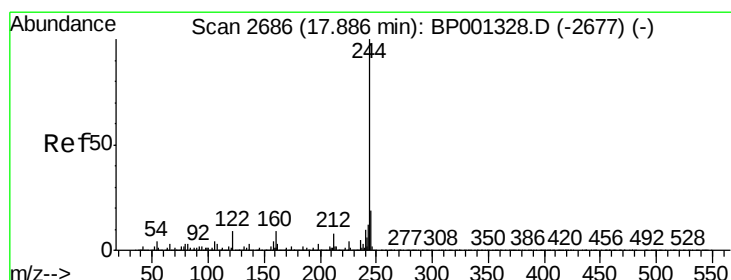
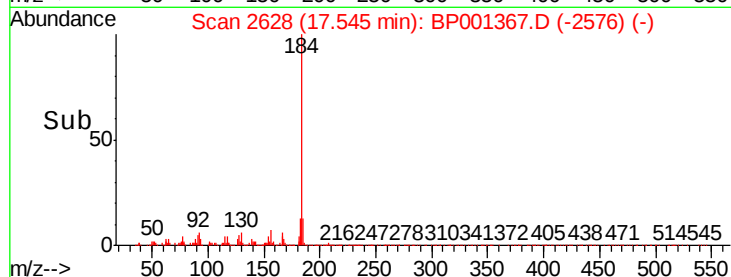
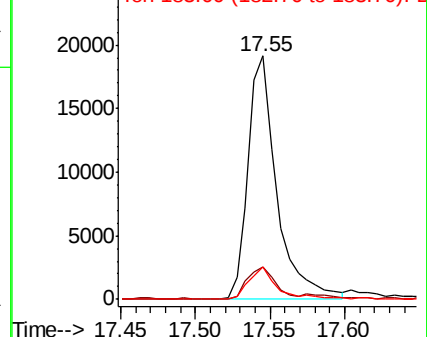


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 97.754 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BP001367.D

Acq: 23 Dec 2019 15:08

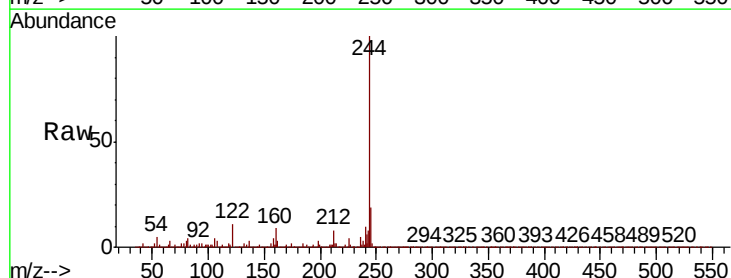
Tgt Ion:244 Resp: 876869

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

122 10.6 7.6 11.4

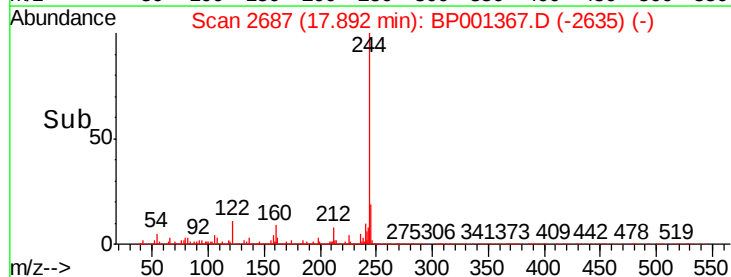
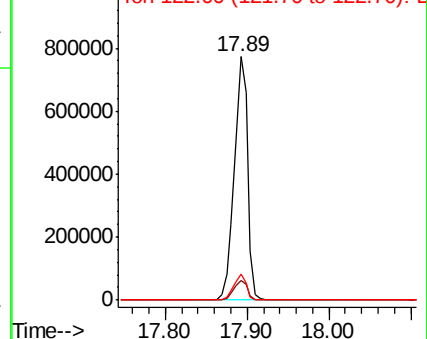


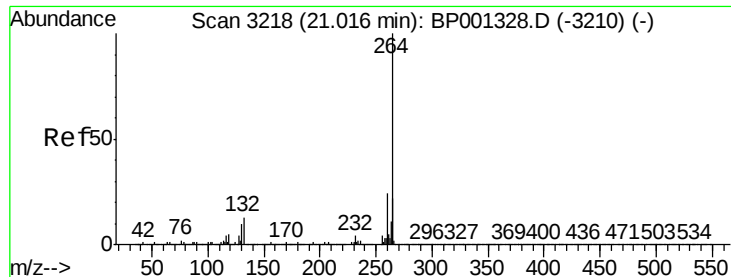
Abundance

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

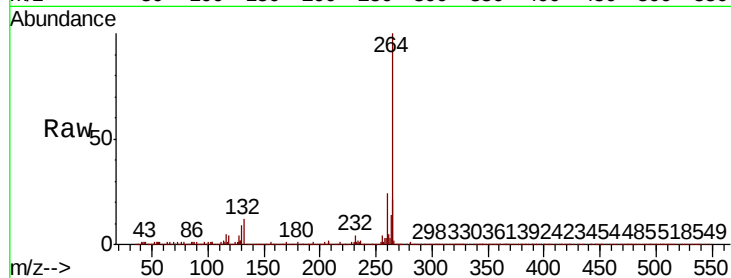




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. 0.01 min
Lab File: BP001367.D
Acq: 23 Dec 2019 15:08

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.6	17.4	26.2



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

