

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001048.D
 Acq On : 15 Nov 2019 19:25
 Operator : JU
 Sample : K5832-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 16 03:30:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

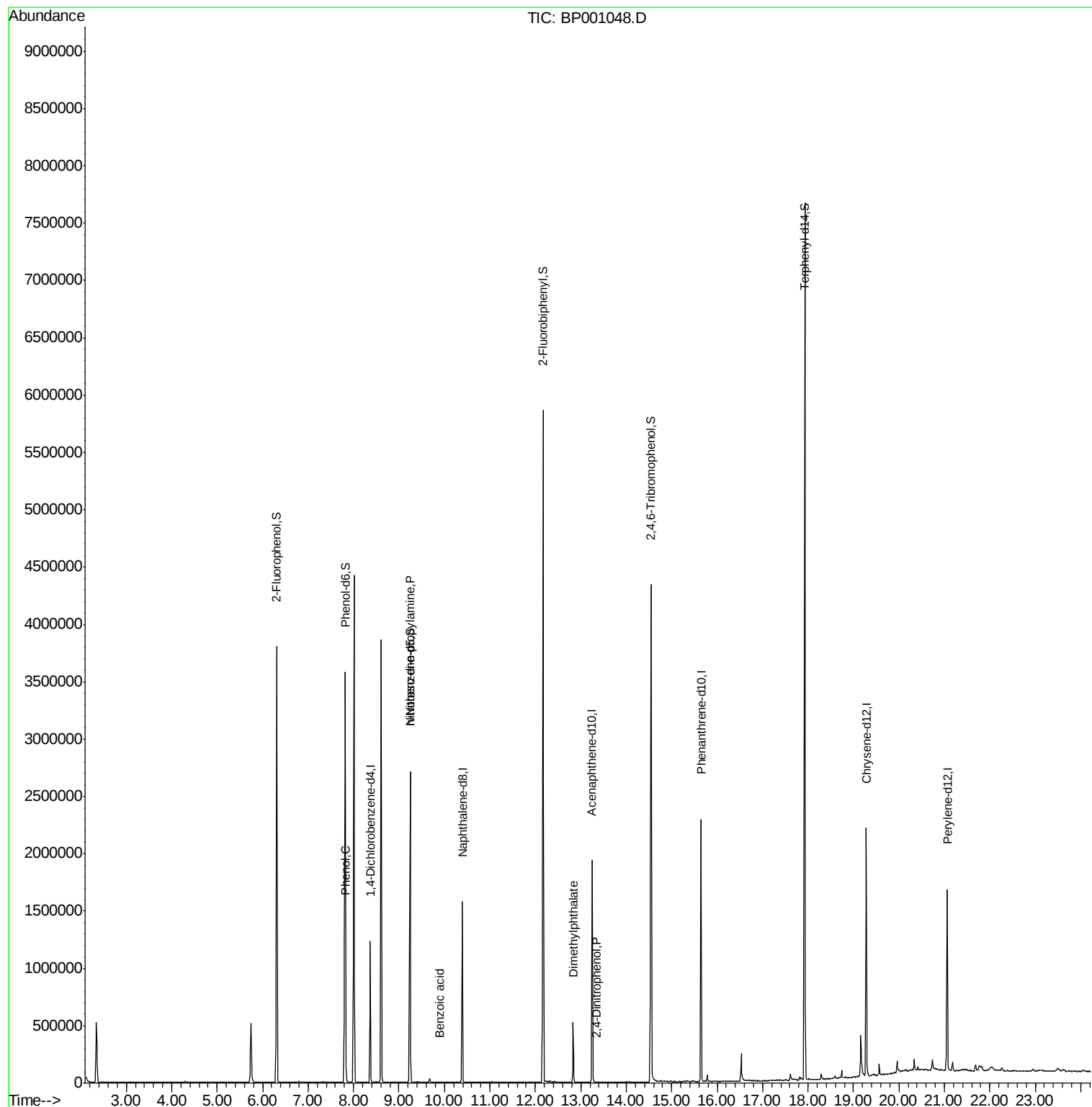
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	240456	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	898728	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	543725	20.00	ng	-0.02
64) Phenanthrene-d10	15.64	188	1067343	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	818498	20.00	ng	-0.02
87) Perylene-d12	21.06	264	846836	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1416075	107.19	ng	0.01
7) Phenol-d6	7.82	99	1859901	111.33	ng	0.00
23) Nitrobenzene-d5	9.25	82	1168544	71.92	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	784229	120.82	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	2493045	69.06	ng	-0.01
79) Terphenyl-d14	17.93	244	3145242	76.44	ng	-0.01
Target Compounds						
10) Phenol	7.83	94	108590	5.943	ng	95
19) n-Nitroso-di-n-propylamine	9.25	70	161779	16.128	ng	# 79
32) Benzoic acid	9.89	122	18	7.670	ng	96
50) Dimethylphthalate	12.83	163	277258	6.896	ng	99
54) 2,4-Dinitrophenol	13.35	184	17	8.314	ng	# 1

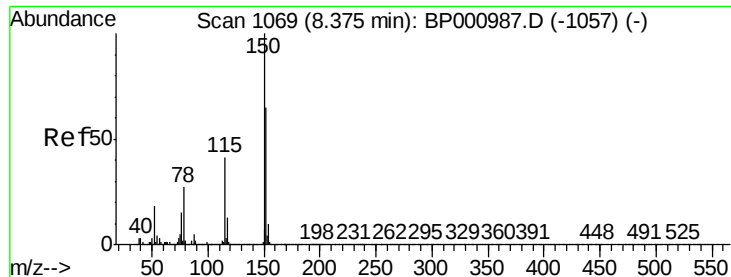
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

Instrument :

BNA_P

ClientSampleId :

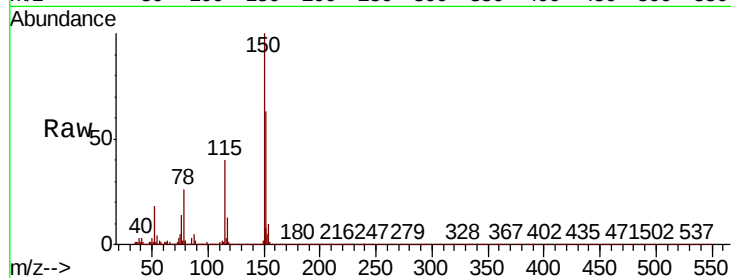
Tot Ion:152 Resp: 240456

Ion Ratio Lower Upper

152 100

150 157.9 123.6 185.4

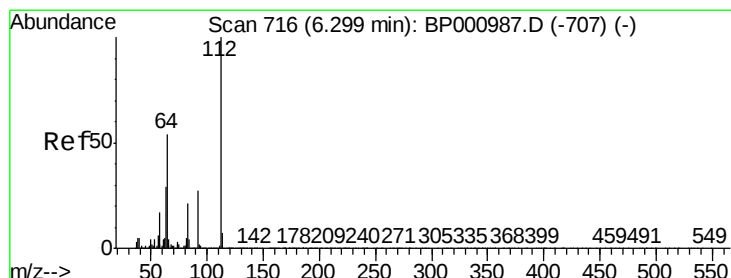
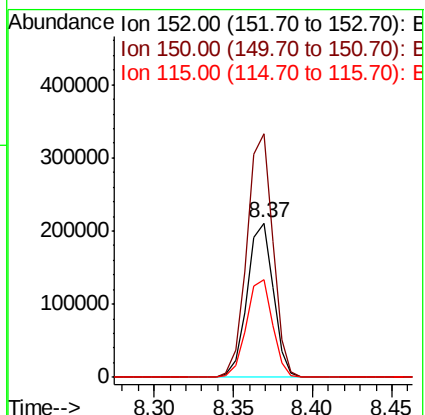
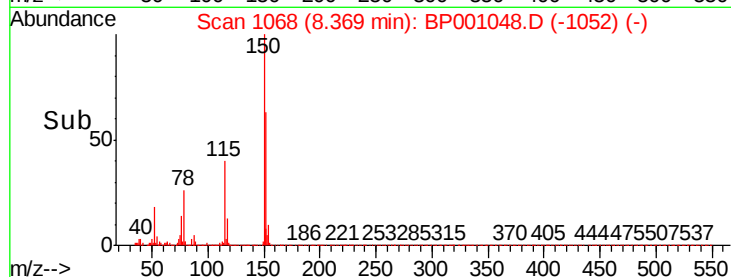
115 63.3 50.1 75.1



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: 107.192 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

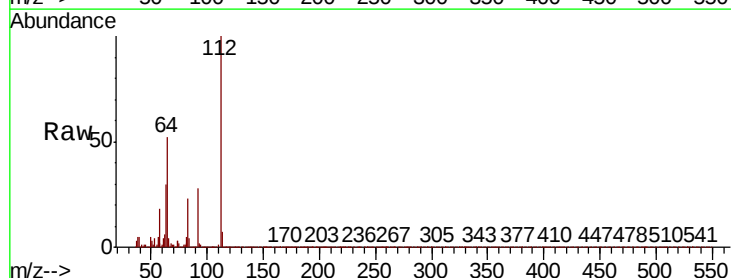
Tgt Ion:112 Resp: 1416075

Ion Ratio Lower Upper

112 100

64 52.2 43.4 65.0

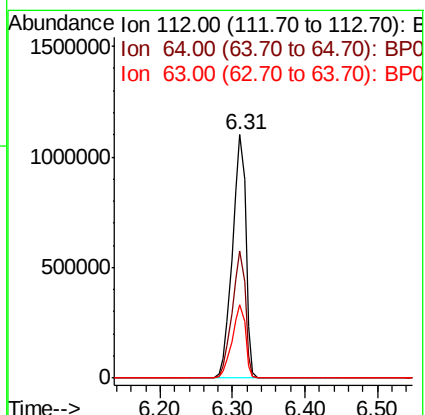
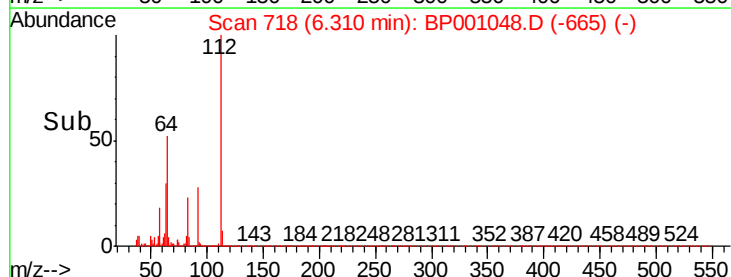
63 30.4 23.4 35.0

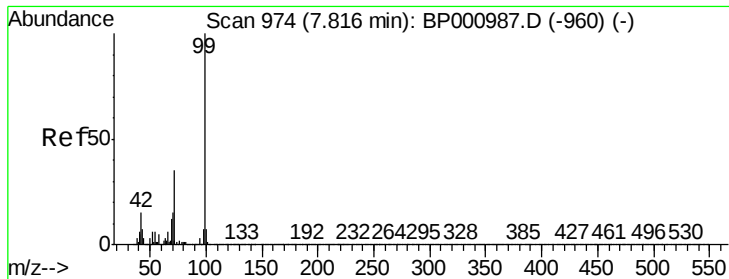


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 111.334 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

Instrument :

BNA_P

ClientSampleId :

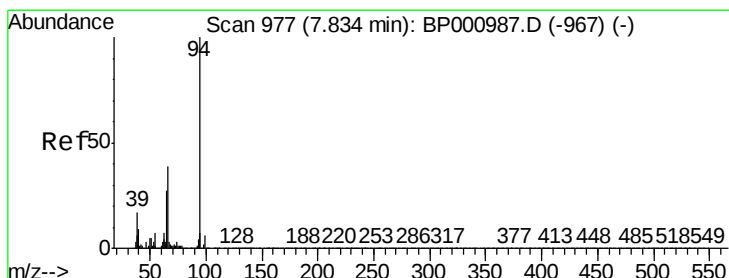
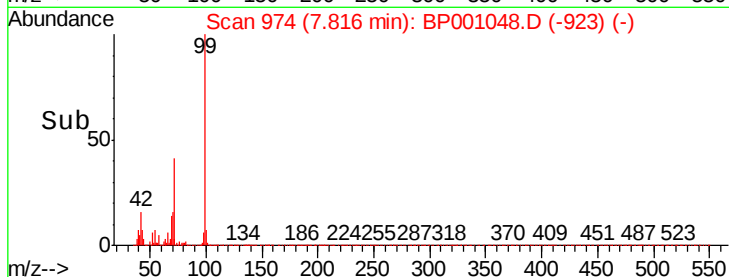
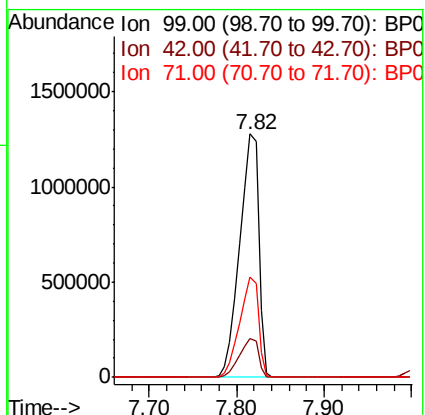
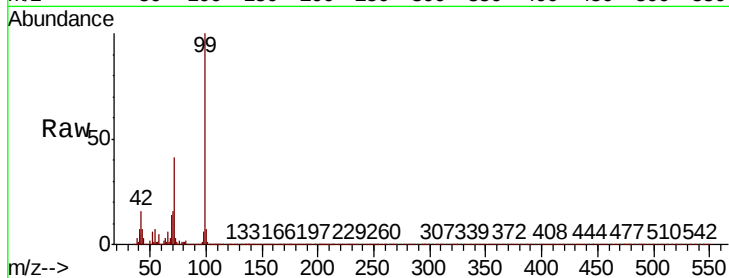
Tot Ion: 99 Resp: 1859901

Ion	Ratio	Lower	Upper
99	100		
42	15.9	11.6	17.4
71	41.1	28.0	42.0

99 100

42 15.9 11.6 17.4

71 41.1 28.0 42.0



#10

Phenol

Concen: 5.943 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

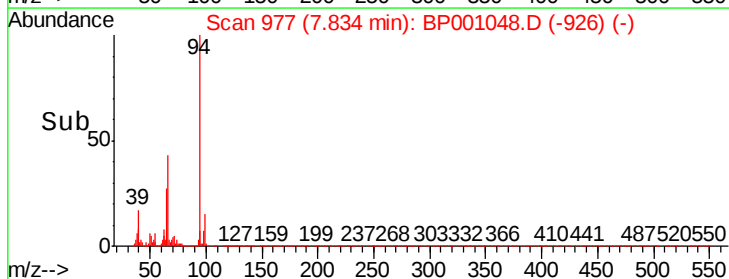
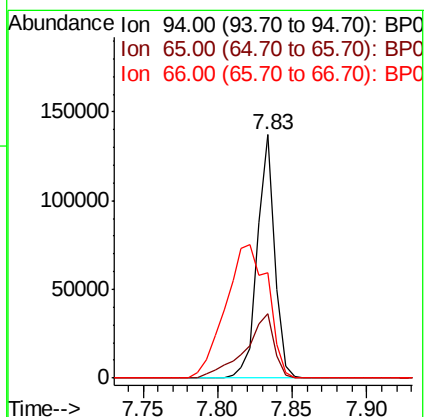
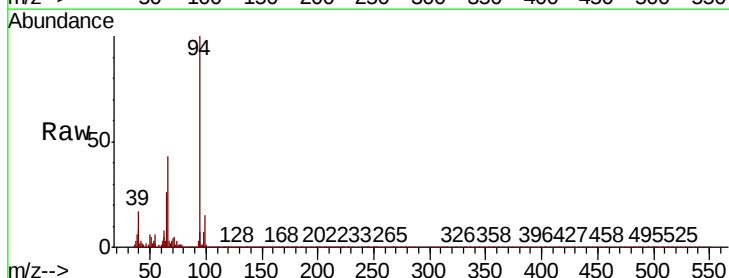
Tgt Ion: 94 Resp: 108590

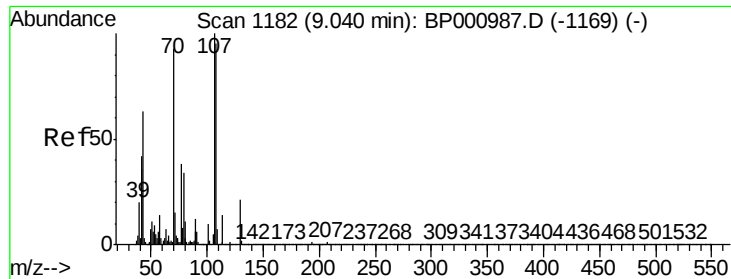
Ion	Ratio	Lower	Upper
94	100		
65	26.5	6.7	46.7
66	43.4	18.6	58.6

94 100

65 26.5 6.7 46.7

66 43.4 18.6 58.6

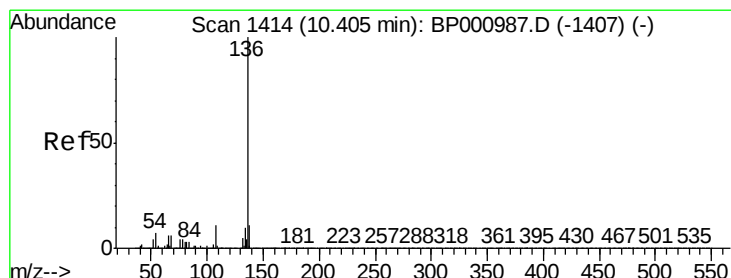
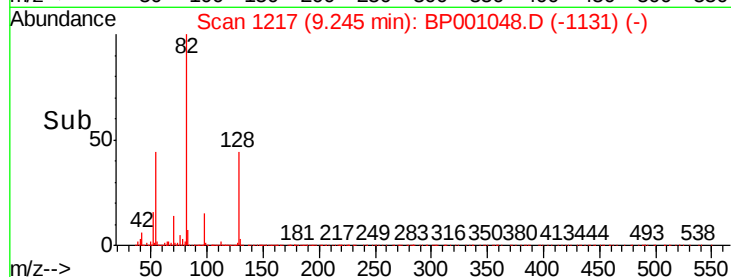
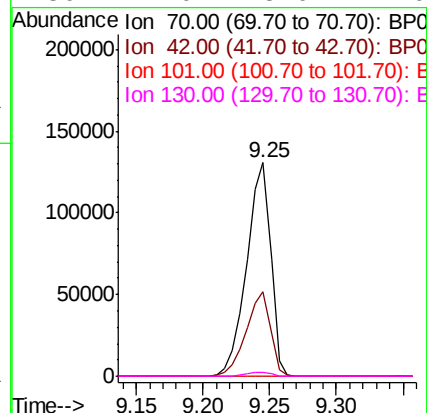
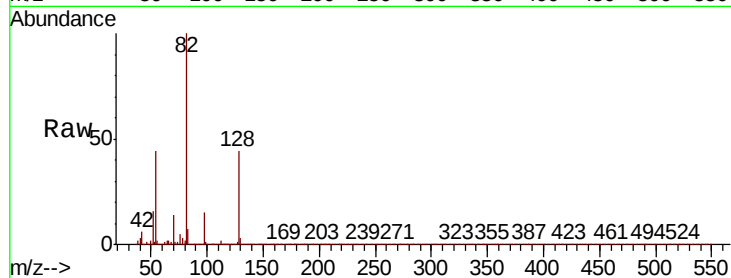




#19
n-Nitroso-di-n-propylamine
Concen: 16.128 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001048.D
Acq: 15 Nov 2019 19:25

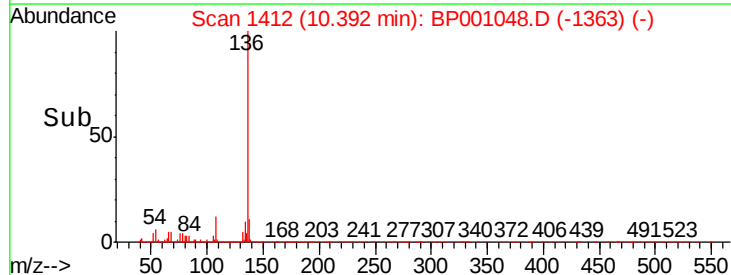
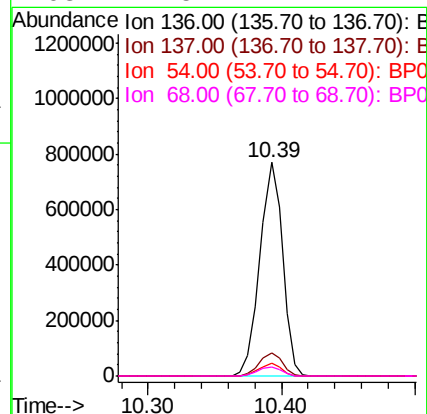
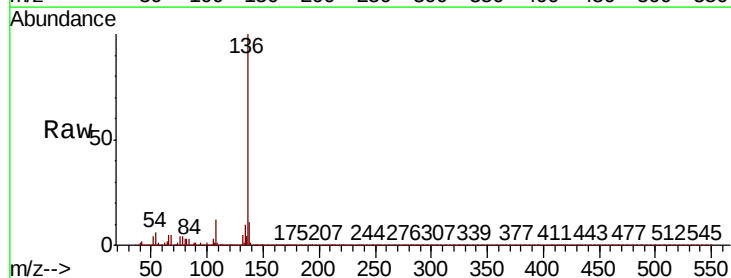
Instrument :
BNA_P
ClientSampleId :

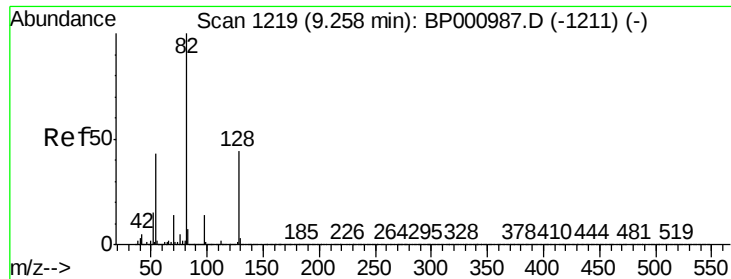
Tot Ion:	70	Resp:	161779
Ion	Ratio	Lower	Upper
70	100		
42	39.6	36.3	54.5
101	0.0	8.7	13.1#
130	2.0	18.0	27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001048.D
Acq: 15 Nov 2019 19:25

Tgt Ion:	136	Resp:	898728
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.1	5.4	8.2
68	4.5	4.7	7.1#

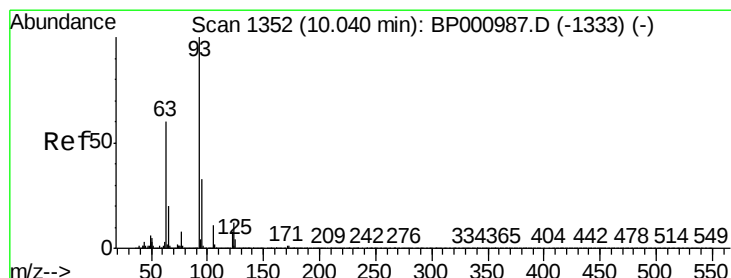
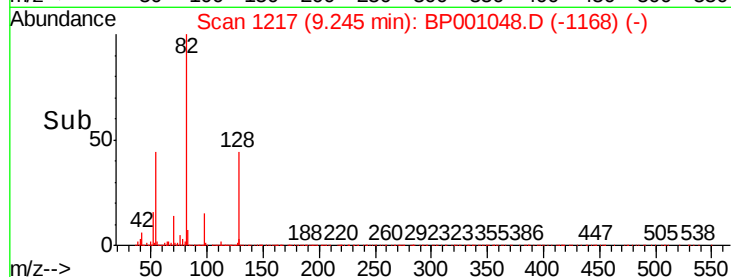
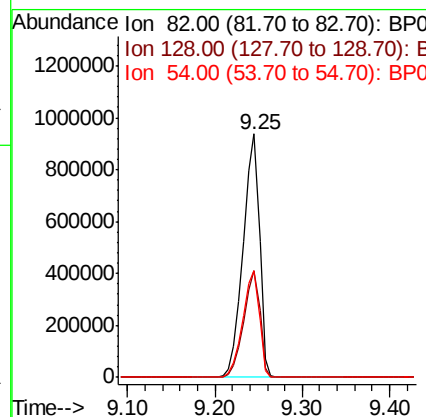
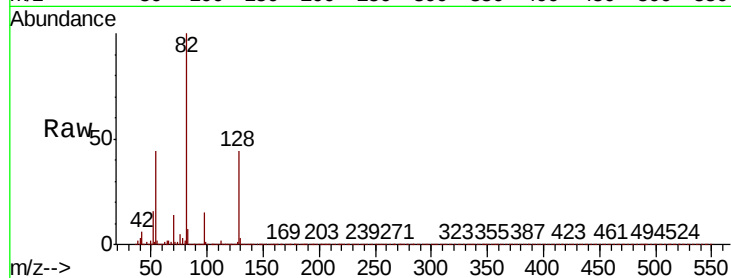




#23
Nitrobenzene-d5
Concen: 71.924 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001048.D
Acq: 15 Nov 2019 19:25

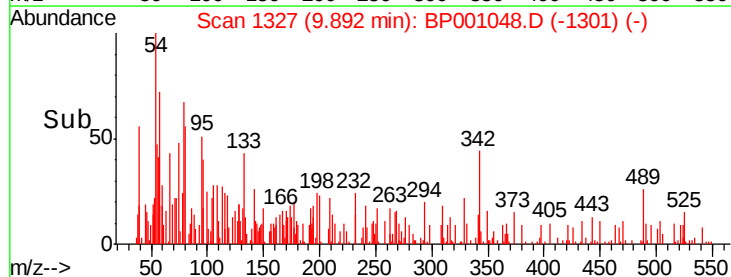
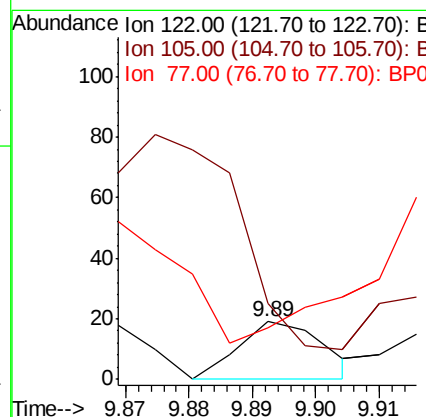
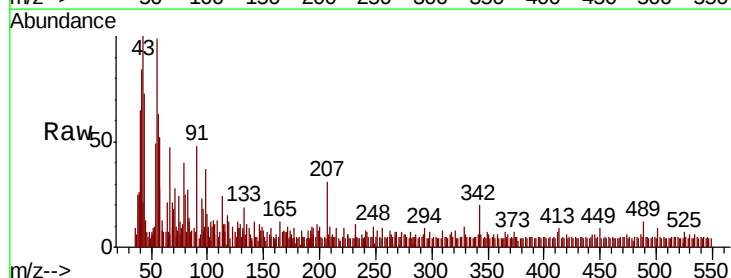
Instrument :
BNA_P
ClientSampleId :

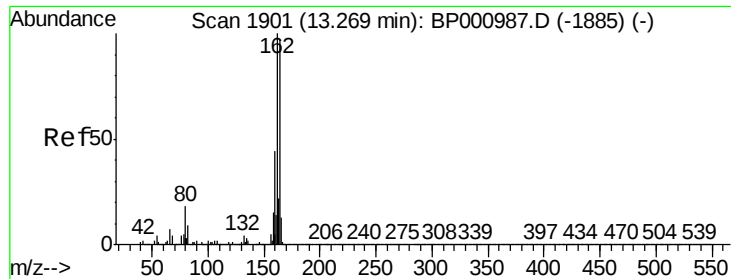
Tot Ion: 82 Resp: 1168544
Ion Ratio Lower Upper
82 100
128 43.7 35.3 52.9
54 43.8 34.3 51.5



#32
Benzoic acid
Concen: 7.670 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.15 min
Lab File: BP001048.D
Acq: 15 Nov 2019 19:25

Tgt Ion:122 Resp: 18
Ion Ratio Lower Upper
122 100
105 131.6 110.5 150.5
77 89.5 77.9 117.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

Instrument :

BNA_P

ClientSampleId :

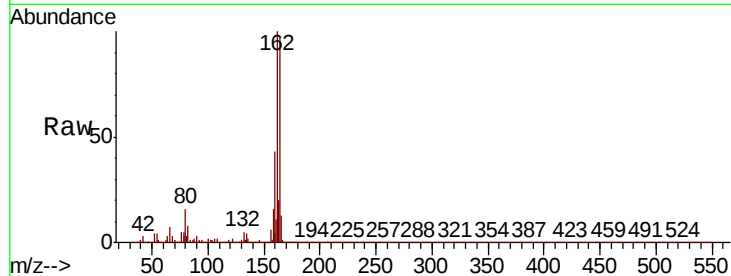
Tot Ion:164 Resp: 543725

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

160 44.6 36.5 54.7

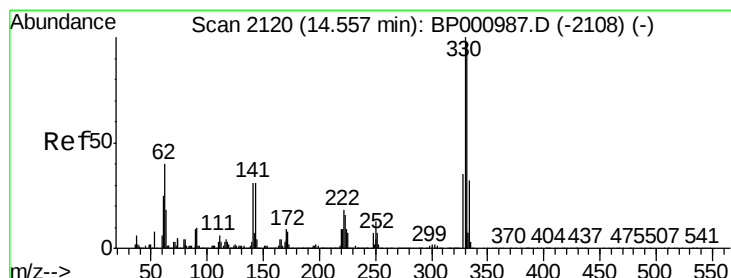
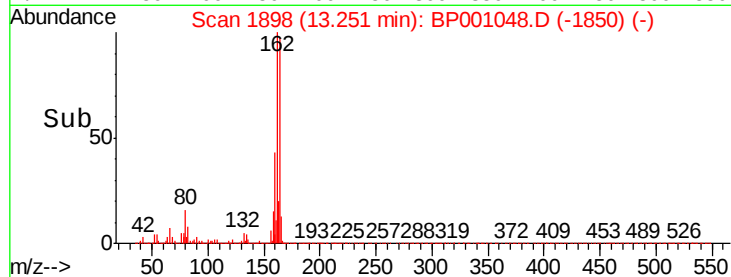
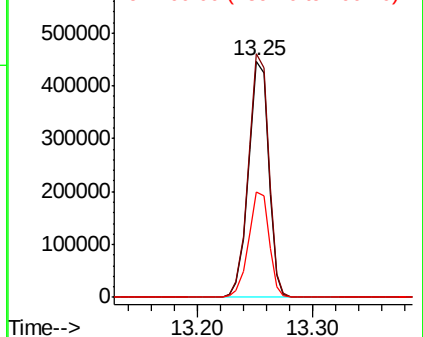


Abundance

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: 120.821 ng

RT: 14.55 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BP001048.D

Acq: 15 Nov 2019 19:25

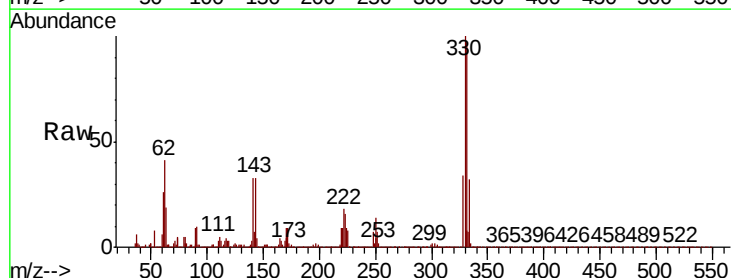
Tgt Ion:330 Resp: 784229

Ion Ratio Lower Upper

330 100

332 98.1 78.3 117.5

141 32.3 25.0 37.4

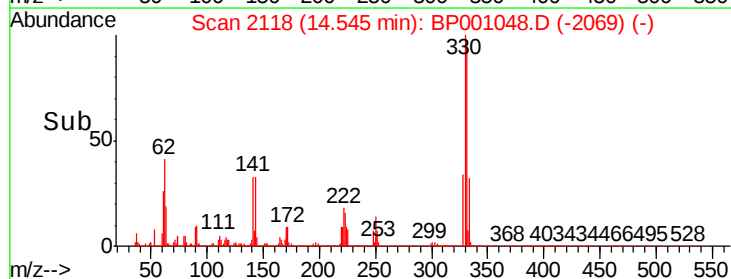
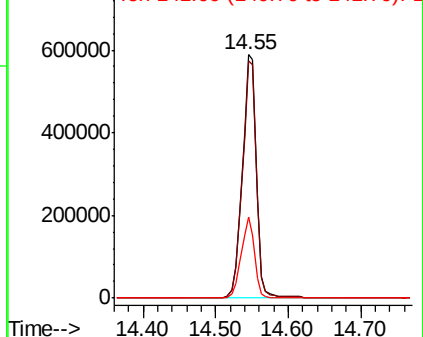


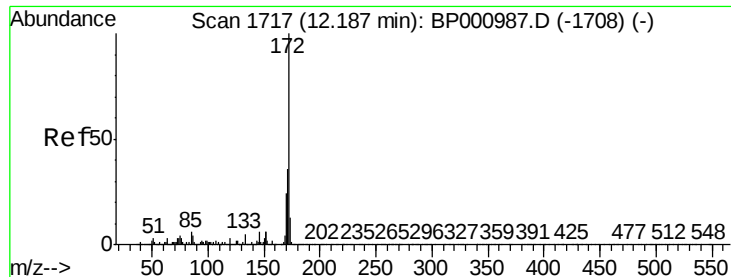
Abundance

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

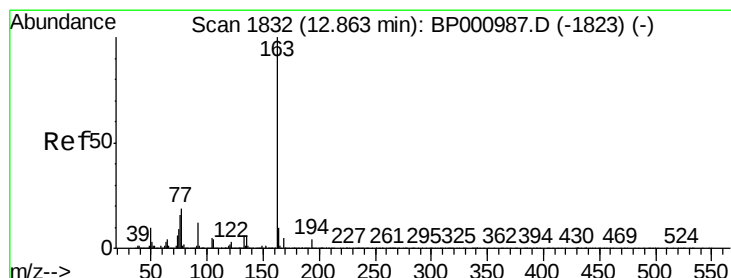
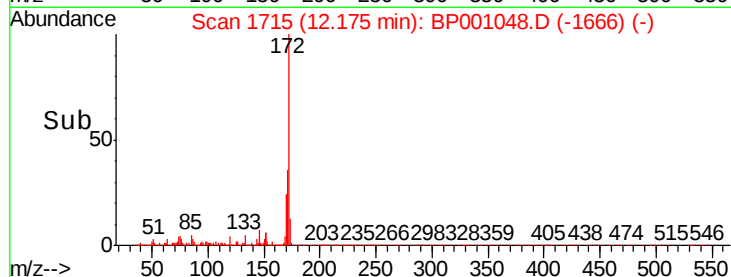
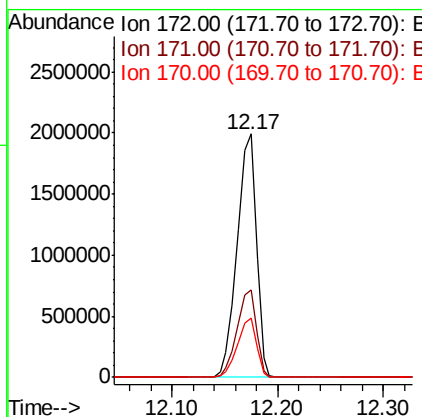
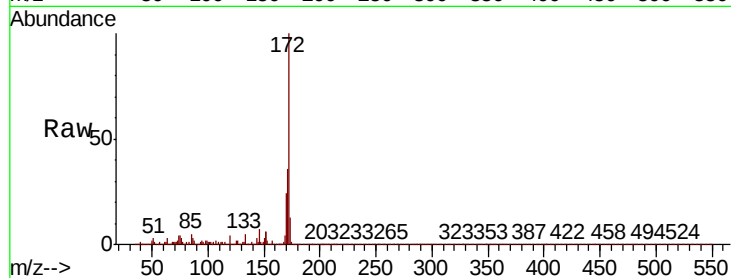




#45
2-Fluorobiphenyl
Concen: 69.056 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001048.D
Acq: 15 Nov 2019 19:25

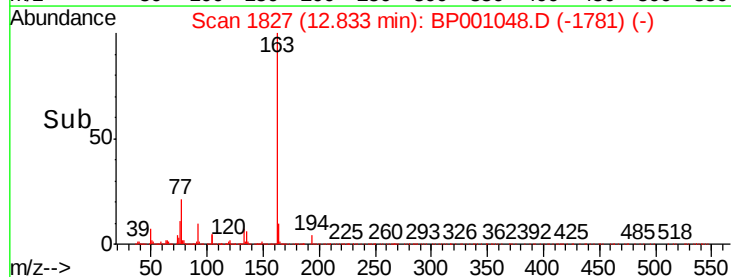
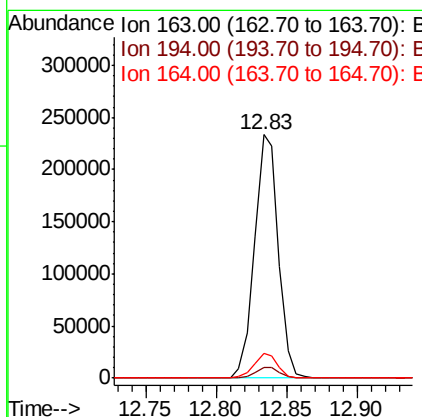
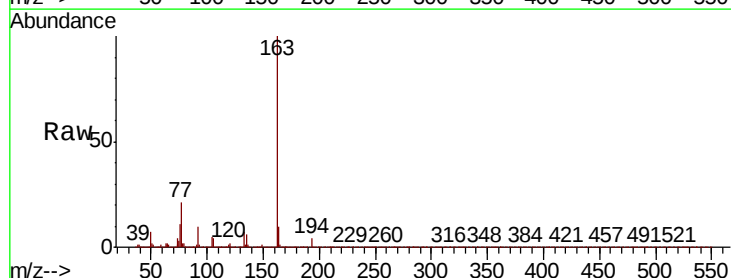
Instrument :
BNA_P
ClientSampleId :

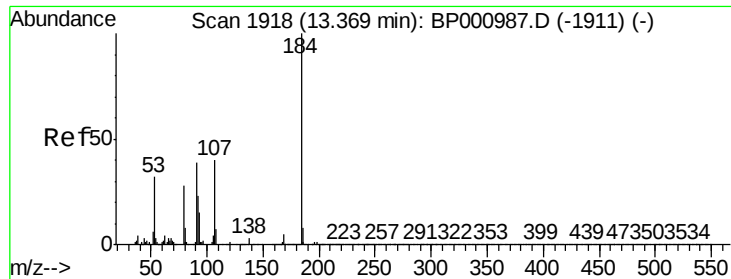
Tot Ion:172 Resp: 2493045
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 24.5 18.9 28.3



#50
Dimethylphthalate
Concen: 6.896 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001048.D
Acq: 15 Nov 2019 19:25

Tgt Ion:163 Resp: 277258
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.4 7.9 11.9

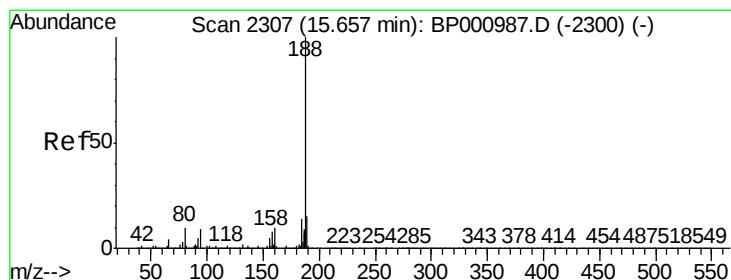
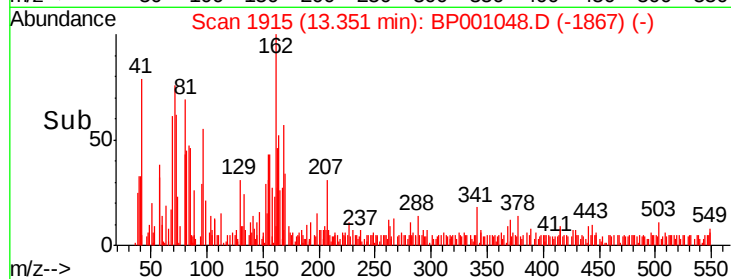
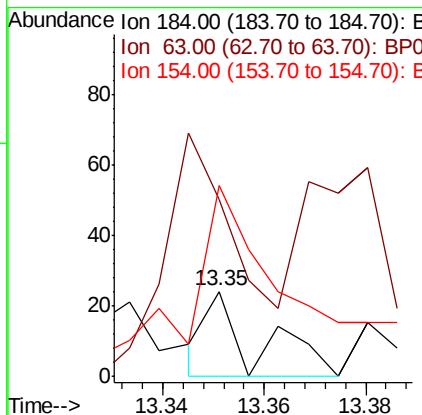
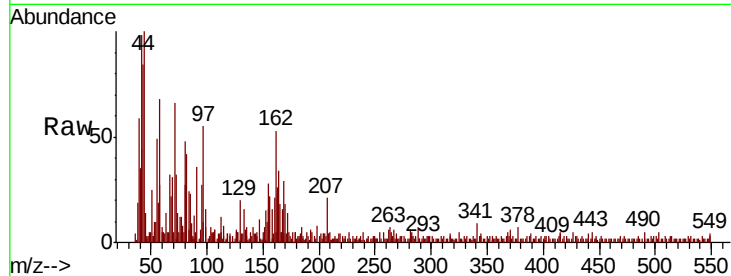




#54
 2,4-Dinitrophenol
 Concen: 8.314 ng
 RT: 13.35 min Scan# 1915
 Delta R.T. -0.02 min
 Lab File: BP001048.D
 Acq: 15 Nov 2019 19:25

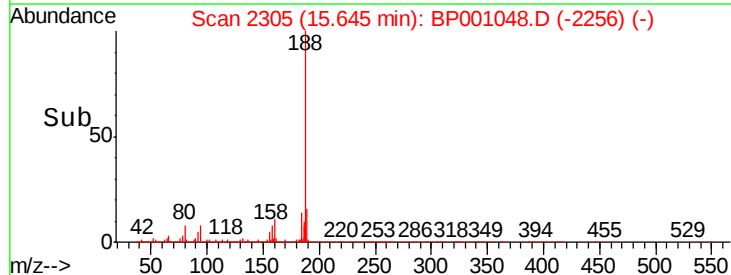
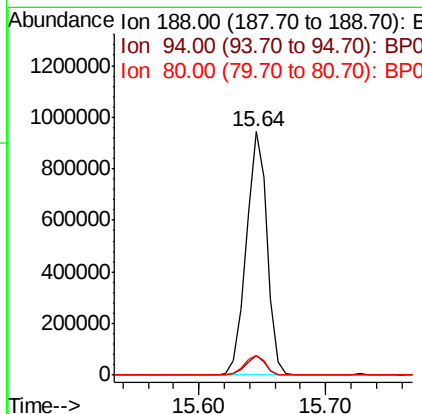
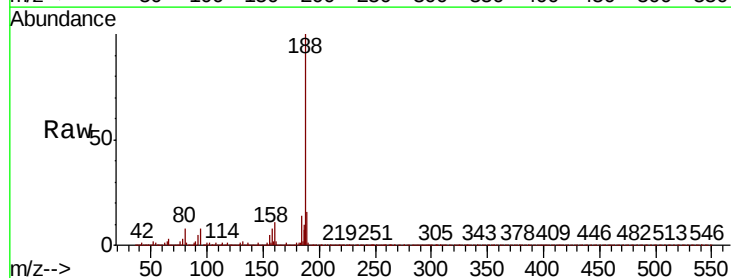
Instrument :
 BNA_P
 ClientSampled :

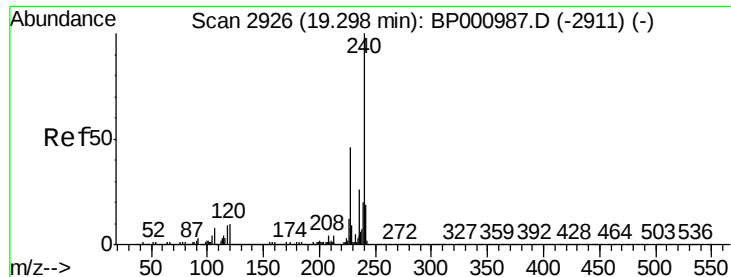
Tot Ion:184 Resp: 17
 Ion Ratio Lower Upper
 184 100
 63 208.3 41.0 61.6#
 154 225.0 48.1 72.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 15.64 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: BP001048.D
 Acq: 15 Nov 2019 19:25

Tgt Ion:188 Resp: 1067343
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.4 11.2
 80 8.3 7.9 11.9

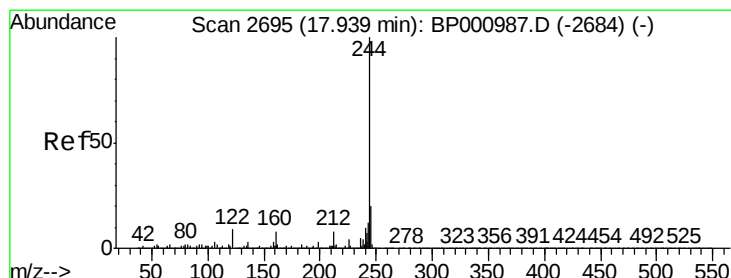
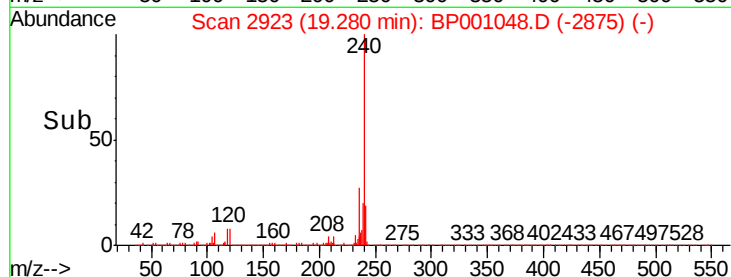
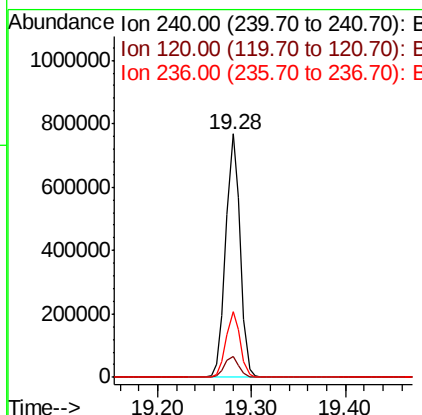
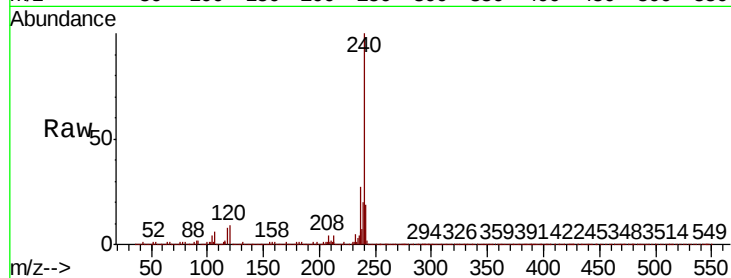




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 19.28 min Scan# 2923
 Delta R.T. -0.02 min
 Lab File: BP001048.D
 Acq: 15 Nov 2019 19:25

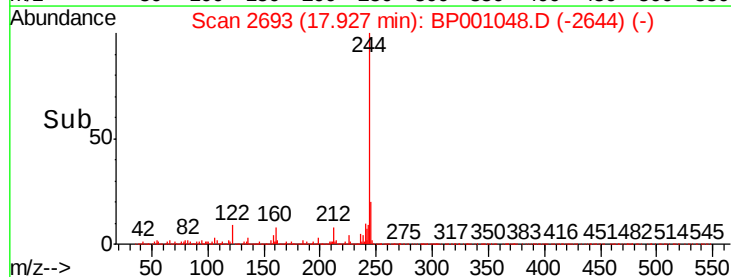
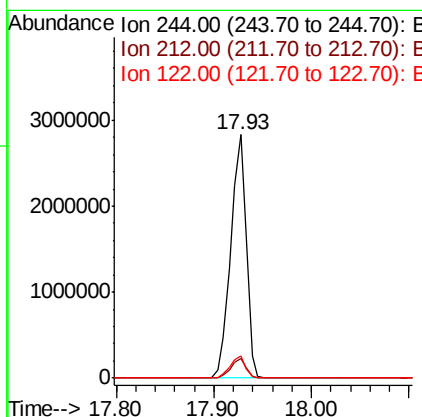
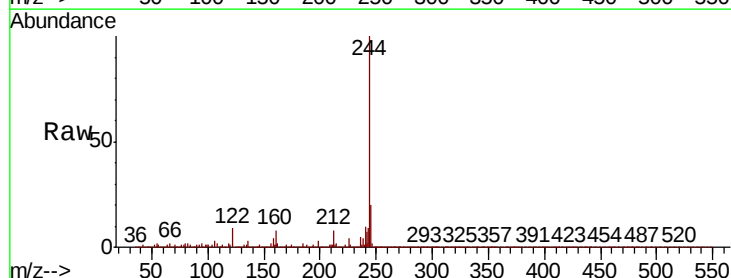
Instrument :
 BNA_P
 ClientSampleId :

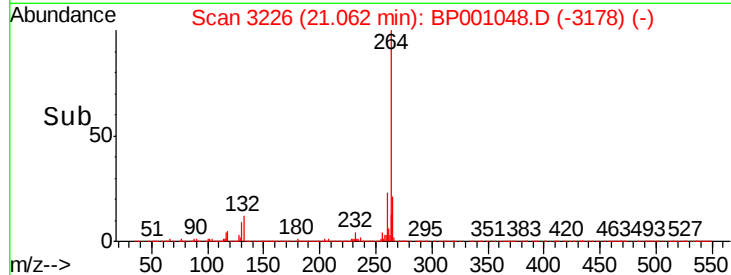
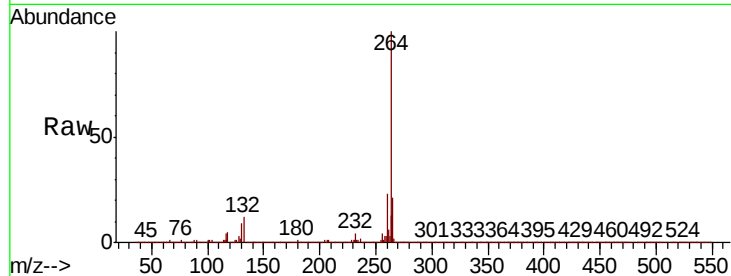
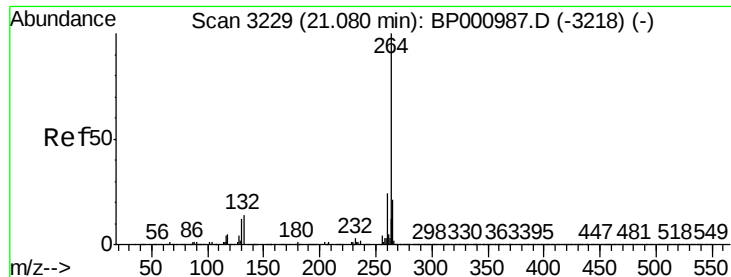
Tot Ion:240 Resp: 818498
 Ion Ratio Lower Upper
 240 100
 120 8.5 8.2 12.2
 236 26.9 20.5 30.7



#79
 Terphenyl-d14
 Concen: 76.437 ng
 RT: 17.93 min Scan# 2693
 Delta R.T. -0.01 min
 Lab File: BP001048.D
 Acq: 15 Nov 2019 19:25

Tgt Ion:244 Resp: 3145242
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 8.9 7.4 11.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3226
 Delta R.T. -0.02 min
 Lab File: BP001048.D
 Acq: 15 Nov 2019 19:25

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	264	Resp:	846836
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.0	17.1	25.7

