

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001047.D
 Acq On : 15 Nov 2019 18:55
 Operator : JU
 Sample : K5832-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 16 03:29:58 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	230473	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	855736	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	497813	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	992516	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	774812	20.00	ng	-0.02
87) Perylene-d12	21.06	264	834532	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.31	112	1605698	126.81	ng	0.01
7) Phenol-d6	7.82	99	2090441	130.55	ng	0.00
23) Nitrobenzene-d5	9.25	82	1317289	85.15	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	881501	148.33	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2816517	85.21	ng	-0.01
79) Terphenyl-d14	17.93	244	3436027	88.21	ng	-0.01

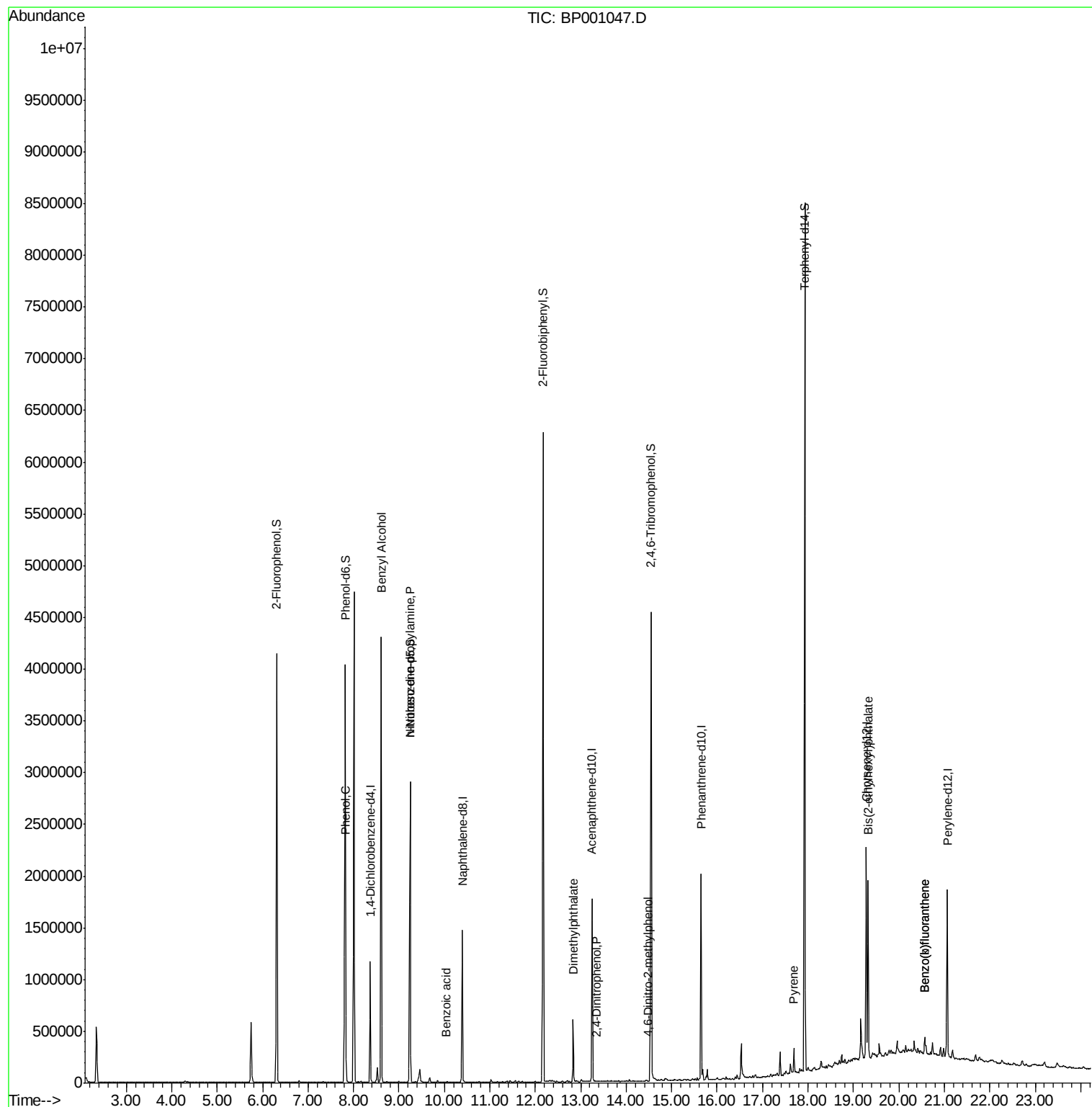
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	7.83	94	138368	7.901	ng	93
15) Benzyl Alcohol	8.61	79	25957	2.127	ng	# 49
19) n-Nitroso-di-n-propylamine	9.25	70	180486	18.772	ng	# 78
32) Benzoic acid	10.04	122	55	7.675	ng	# 1
50) Dimethylphthalate	12.83	163	316710	8.604	ng	99
54) 2,4-Dinitrophenol	13.36	184	8	8.311	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.47	198	89	9.904	ng	# 1
78) Pyrene	17.69	202	110216	2.013	ng	97
84) Bis(2-ethylhexyl)phthalate	19.32	149	565066	20.498	ng	100
88) Benzo(b)fluoranthene	20.57	252	138007	2.774	ng	# 98
89) Benzo(k)fluoranthene	20.57	252	138007	2.947	ng	# 98

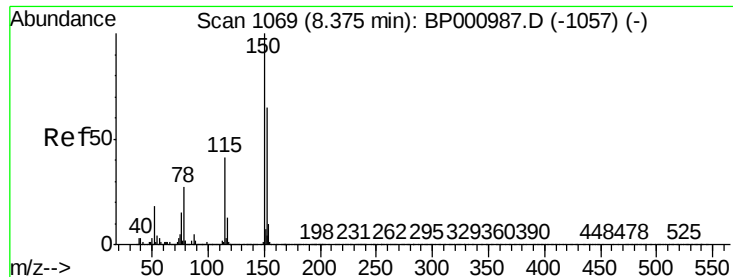
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001047.D

Acq: 15 Nov 2019 18:55

Instrument :

BNA_P

ClientSampleId :

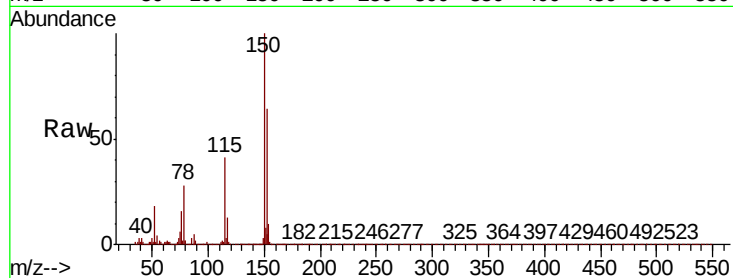
Tot Ion:152 Resp: 230473

Ion Ratio Lower Upper

152 100

150 155.6 123.6 185.4

115 63.9 50.1 75.1

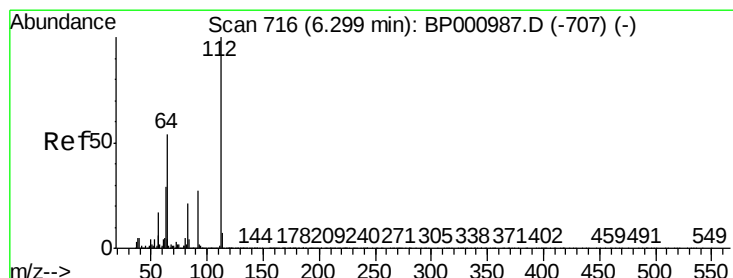
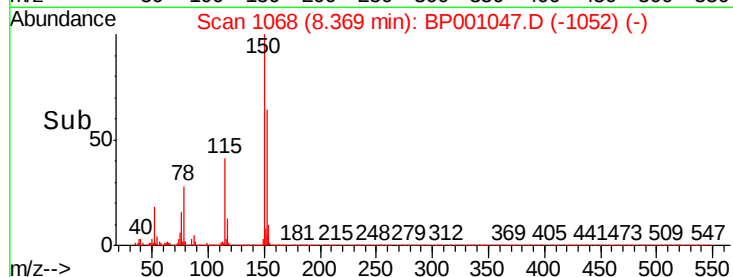
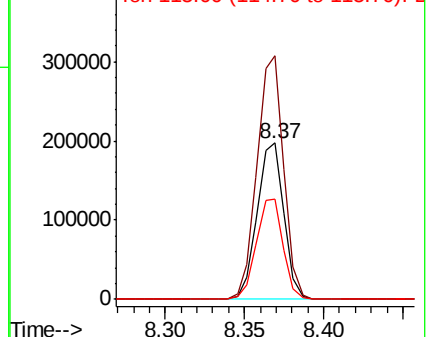


Abundance

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: 126.811 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001047.D

Acq: 15 Nov 2019 18:55

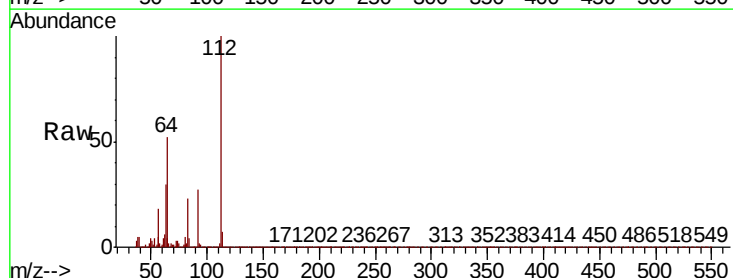
Tgt Ion:112 Resp: 1605698

Ion Ratio Lower Upper

112 100

64 52.5 43.4 65.0

63 30.1 23.4 35.0

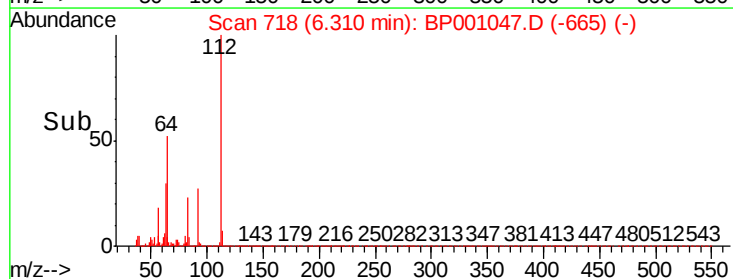
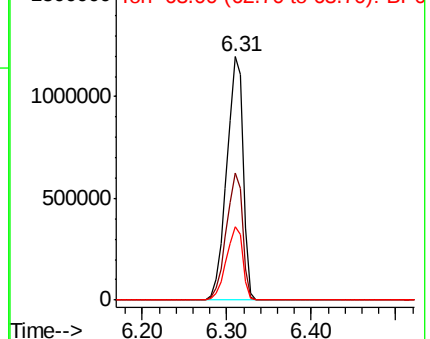


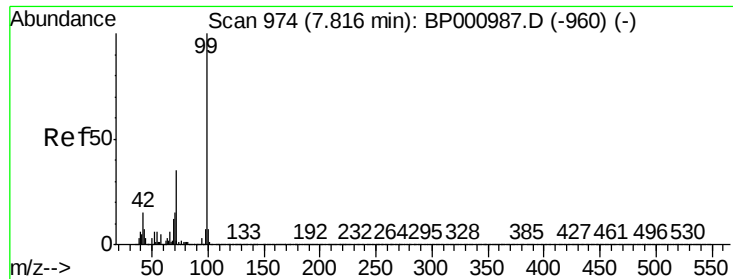
Abundance

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: 130.555 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP001047.D

Acq: 15 Nov 2019 18:55

Instrument :

BNA_P

ClientSampleId :

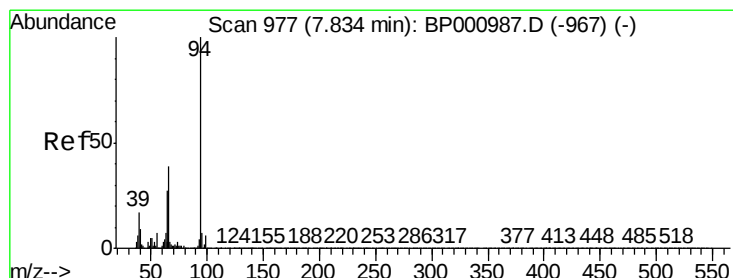
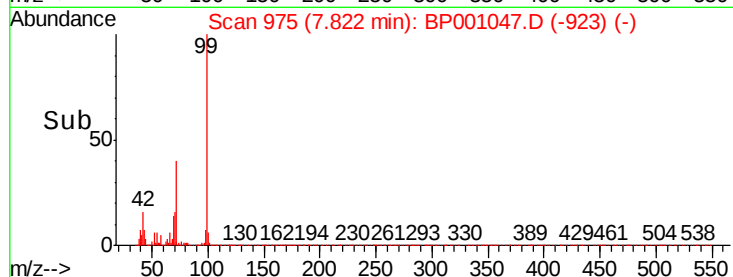
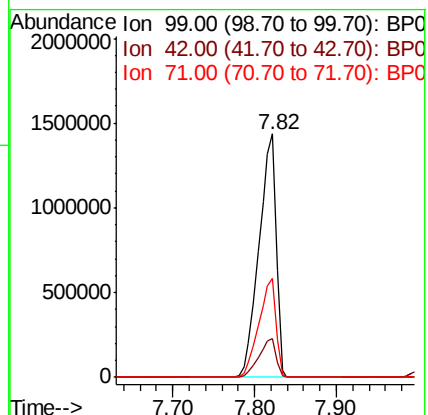
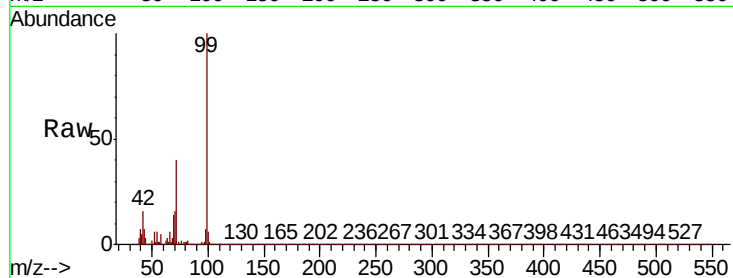
Tot Ion: 99 Resp: 2090441

Ion Ratio Lower Upper

99 100

42 15.7 11.6 17.4

71 40.5 28.0 42.0



#10

Phenol

Concen: 7.901 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BP001047.D

Acq: 15 Nov 2019 18:55

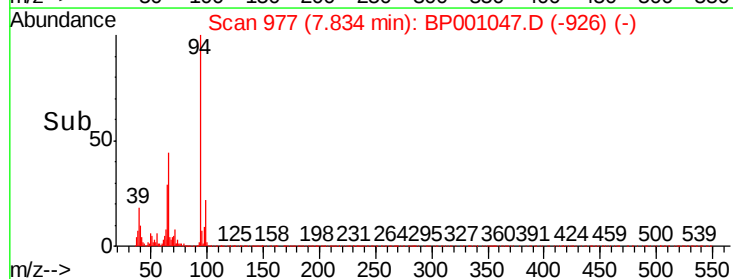
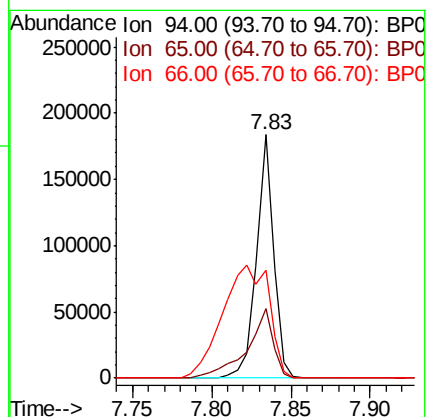
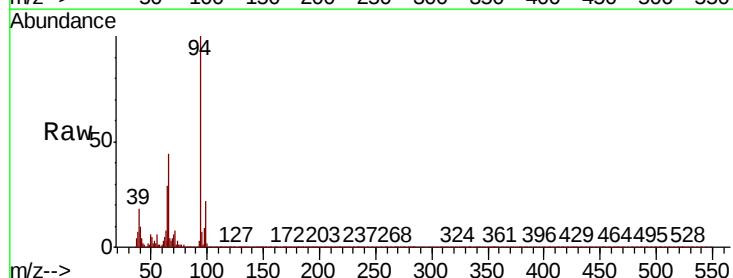
Tgt Ion: 94 Resp: 138368

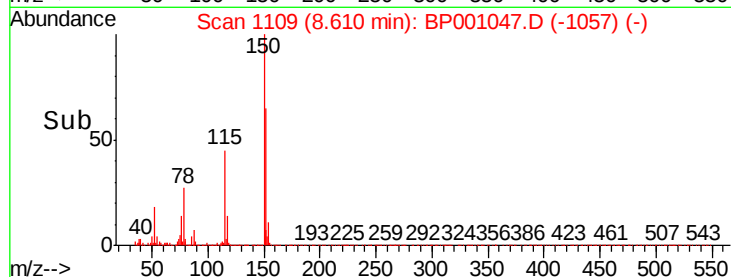
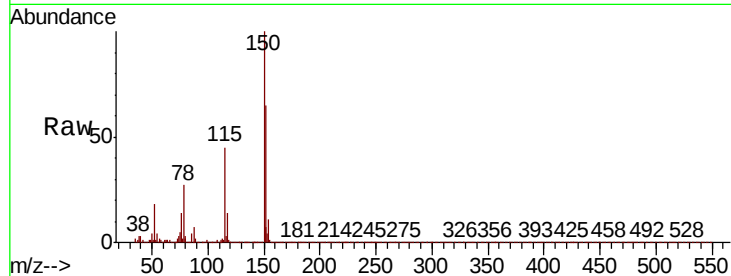
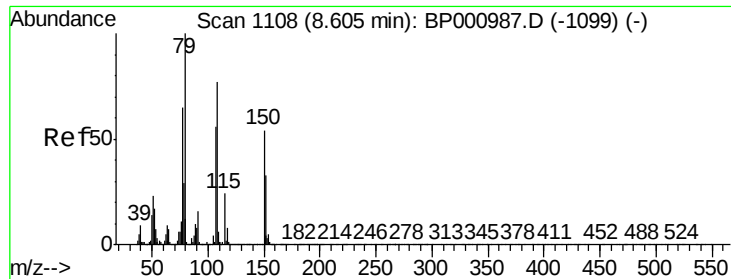
Ion Ratio Lower Upper

94 100

65 28.6 6.7 46.7

66 44.3 18.6 58.6





#15

Benzyl Alcohol

Concen: 2.127 ng

RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BP001047.D

Acq: 15 Nov 2019 18:55

Instrument :

BNA_P

ClientSampleId :

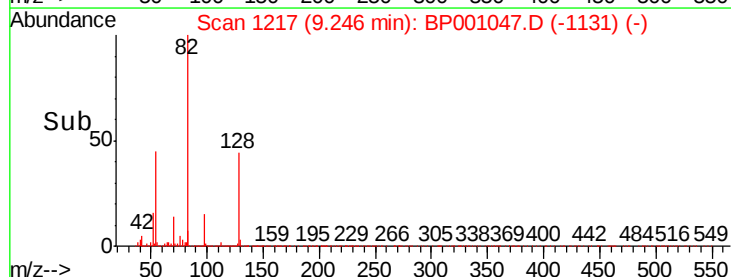
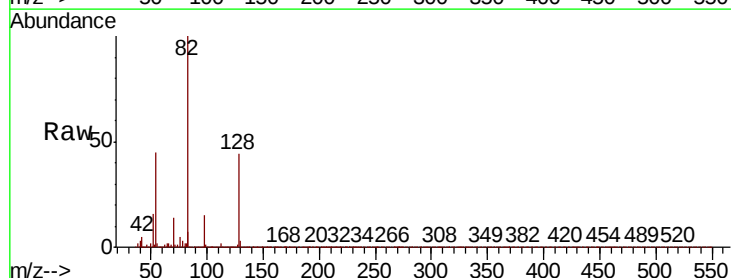
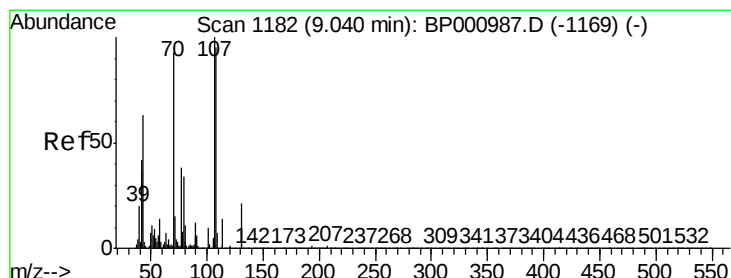
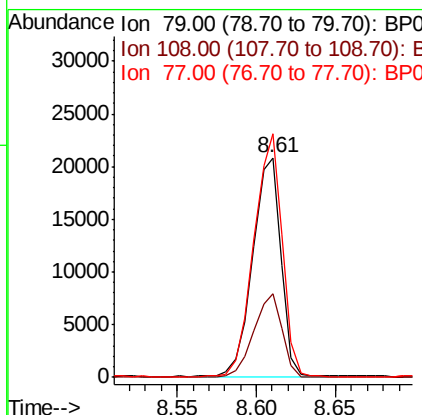
Tot Ion: 79 Resp: 25957

Ion Ratio Lower Upper

79 100

108 37.9 62.0 93.0#

77 110.7 51.9 77.9#



#19

n-Nitroso-di-n-propylamine

Concen: 18.772 ng

RT: 9.25 min Scan# 1217

Delta R.T. 0.21 min

Lab File: BP001047.D

Acq: 15 Nov 2019 18:55

Tgt Ion: 70 Resp: 180486

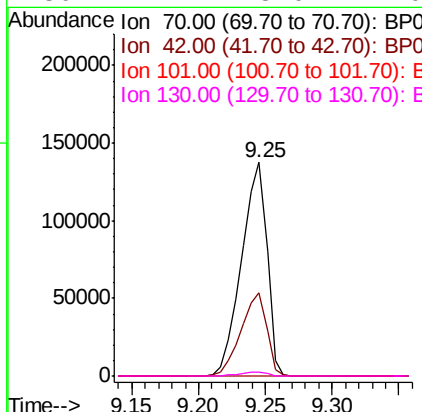
Ion Ratio Lower Upper

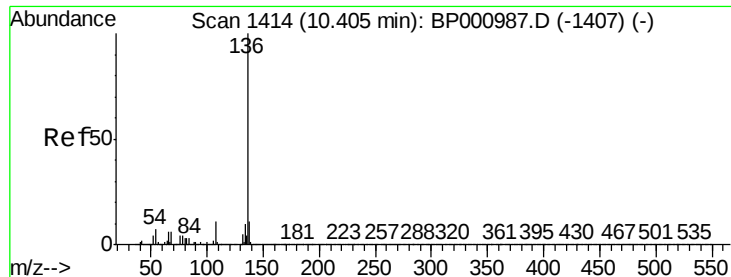
70 100

42 39.0 36.3 54.5

101 0.0 8.7 13.1#

130 2.1 18.0 27.0#

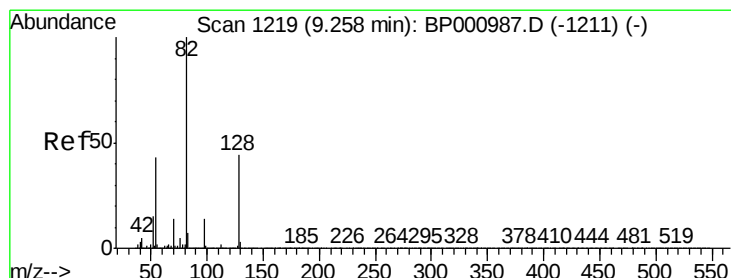
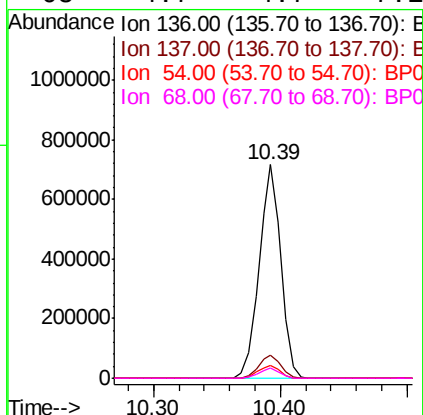
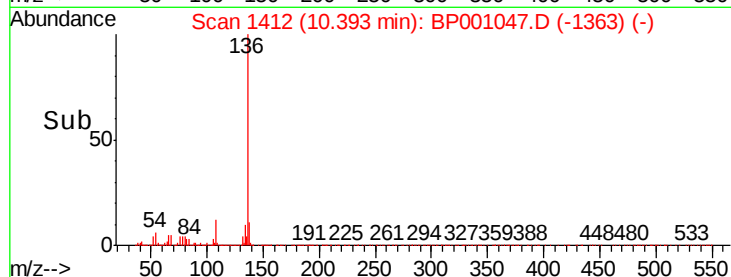
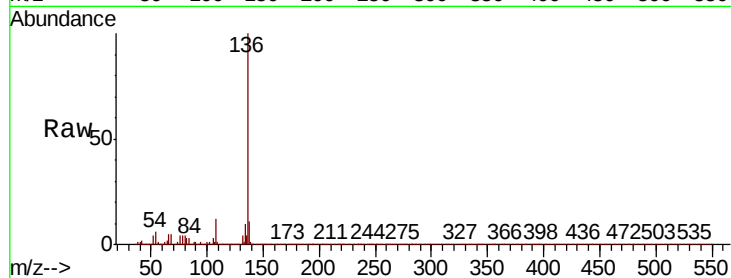




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001047.D
Acq: 15 Nov 2019 18:55

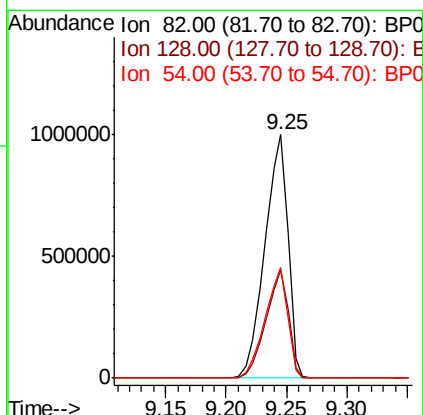
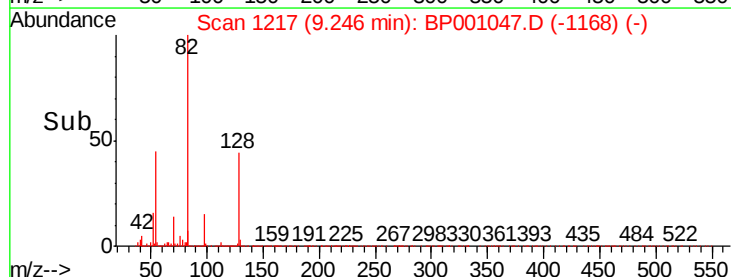
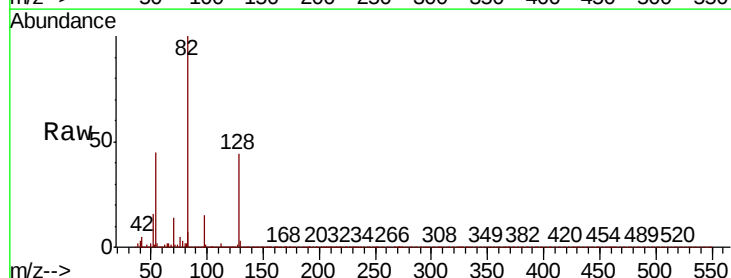
Instrument :
BNA_P
ClientSampleId :

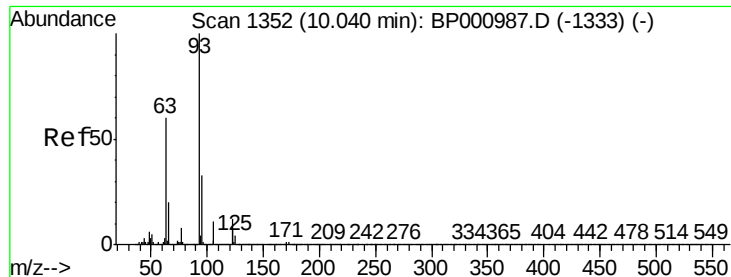
Tot Ion:136	Resp:	855736
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.0 13.6
54	5.7	5.4 8.2
68	4.7	4.7 7.1#



#23
Nitrobenzene-d5
Concen: 85.152 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001047.D
Acq: 15 Nov 2019 18:55

Tgt Ion: 82	Resp:	1317289
Ion	Ratio	Lower Upper
82	100	
128	44.1	35.3 52.9
54	45.3	34.3 51.5

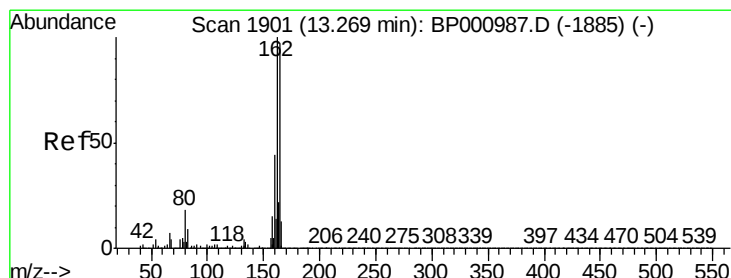
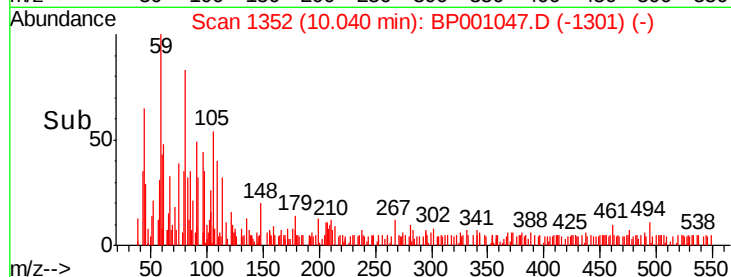
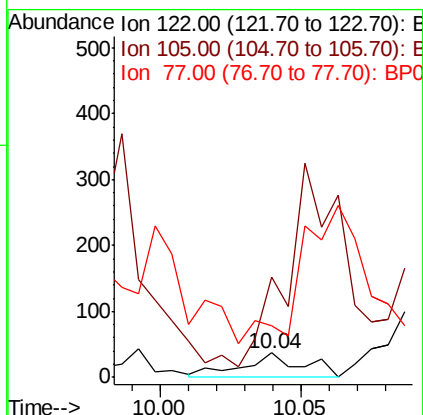
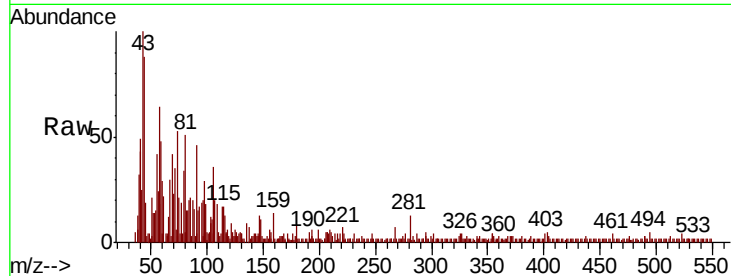




#32
Benzoic acid
Concen: 7.675 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BP001047.D
Acq: 15 Nov 2019 18:55

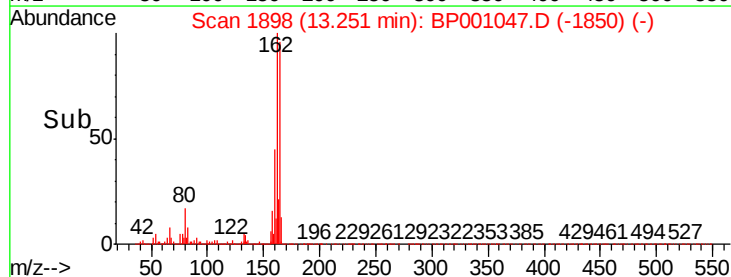
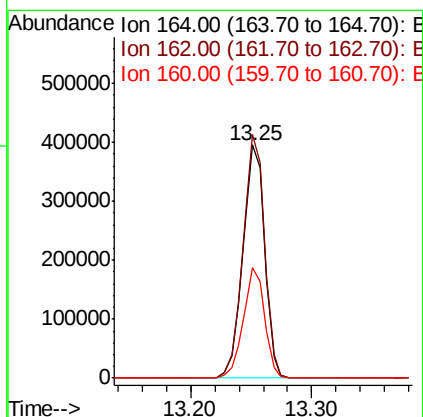
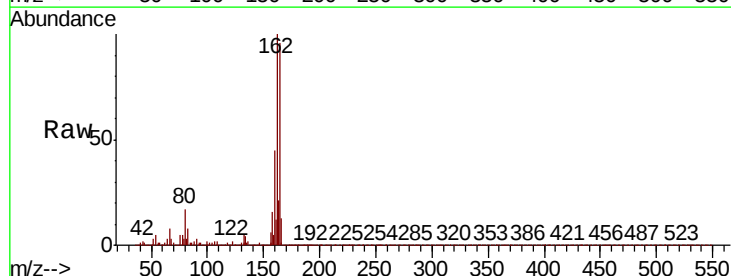
Instrument :
BNA_P
ClientSampled :

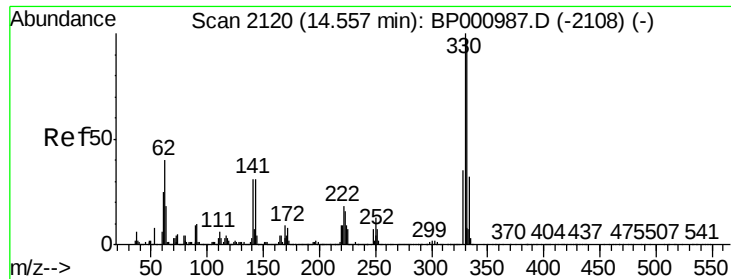
Tot Ion	Ratio	Lower	Upper
122	100		
105	459.5	110.5	150.5#
77	213.5	77.9	117.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001047.D
Acq: 15 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	47.3	36.5	54.7

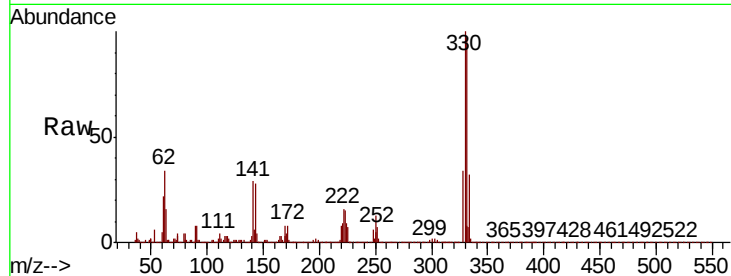




#42
 2,4,6-Tribromophenol
 Concen: 148.332 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BP001047.D
 Acq: 15 Nov 2019 18:55

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.3	117.5
141	31.8	25.0	37.4

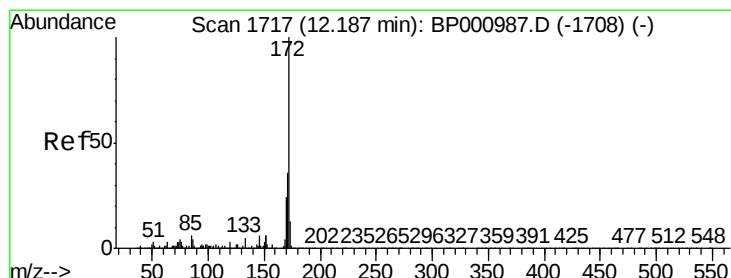
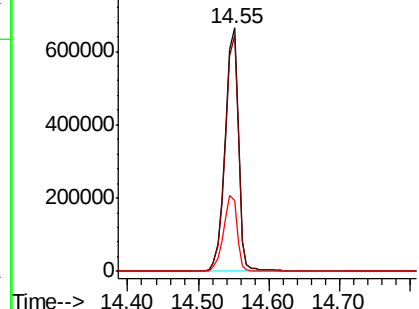
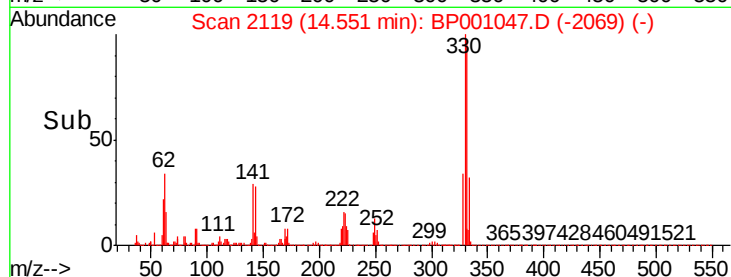


Abundance

Ion 329.80 (329.50 to 330.50): E

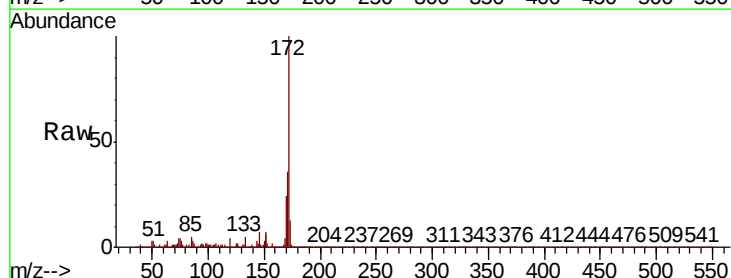
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 85.211 ng
 RT: 12.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BP001047.D
 Acq: 15 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.7	18.9	28.3

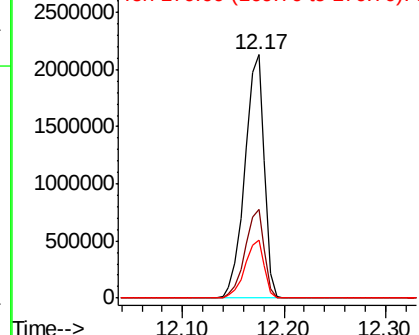
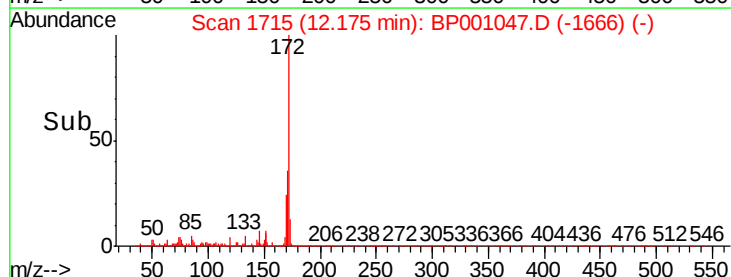


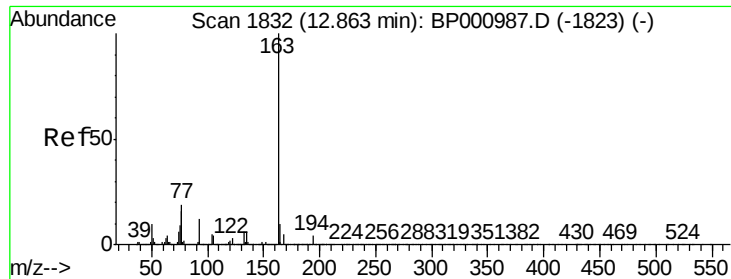
Abundance

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: 8.604 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.03 min

Lab File: BP001047.D

Acq: 15 Nov 2019 18:55

Instrument :

BNA_P

ClientSampleId :

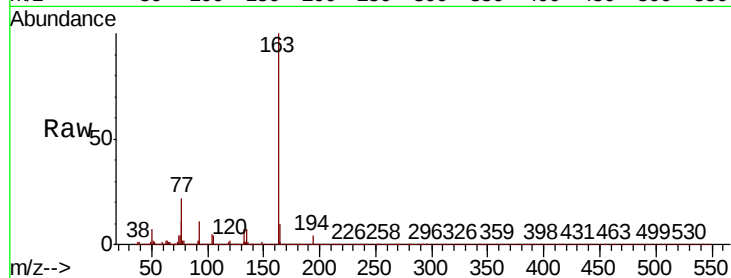
Tot Ion:163 Resp: 316710

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

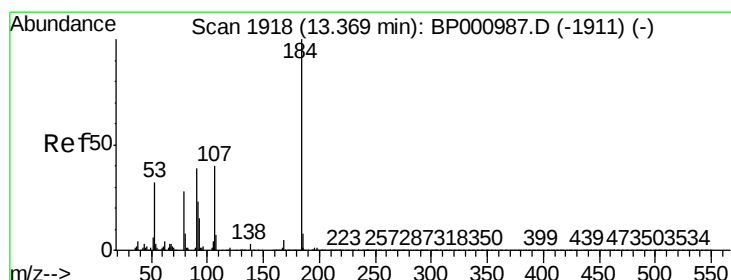
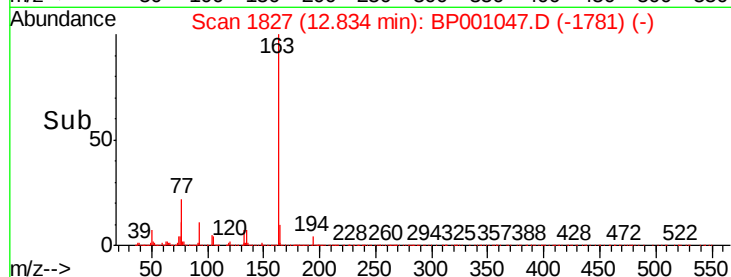
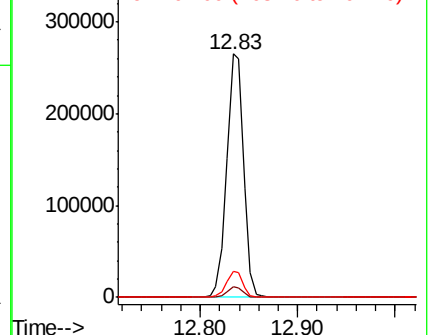
164 10.4 7.9 11.9



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: 8.311 ng

RT: 13.36 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BP001047.D

Acq: 15 Nov 2019 18:55

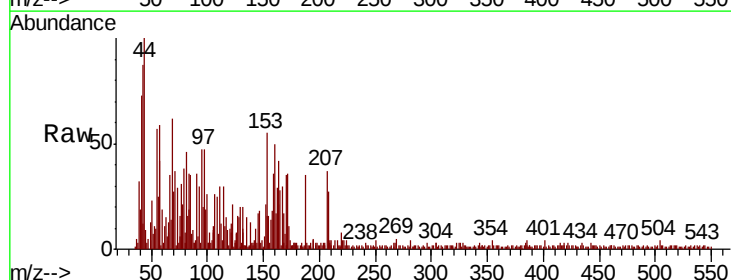
Tgt Ion:184 Resp: 8

Ion Ratio Lower Upper

184 100

63 254.8 41.0 61.6#

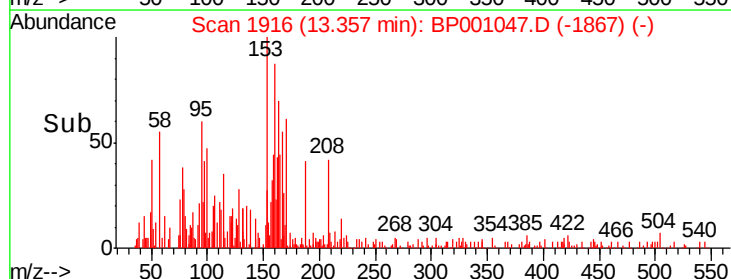
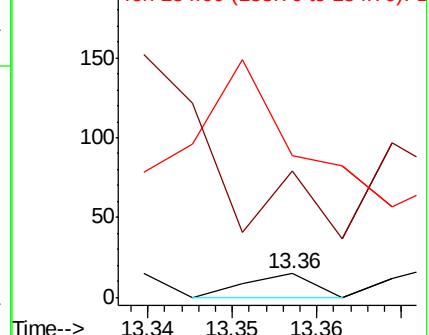
154 287.1 48.1 72.1#

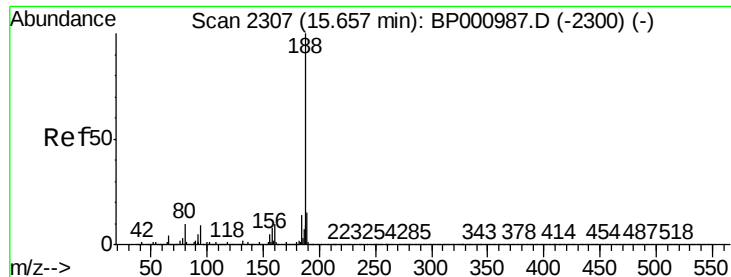


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

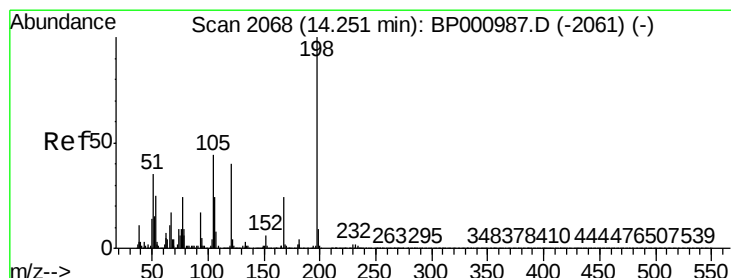
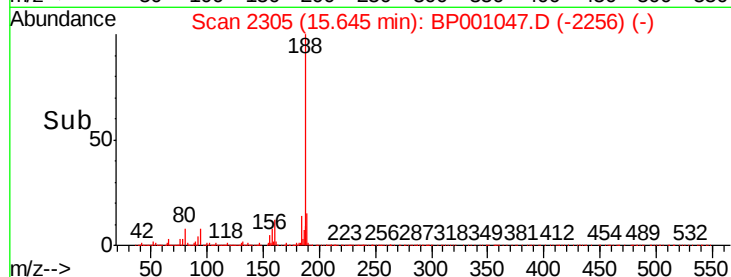
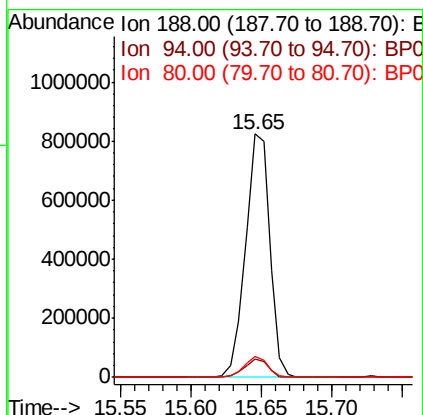
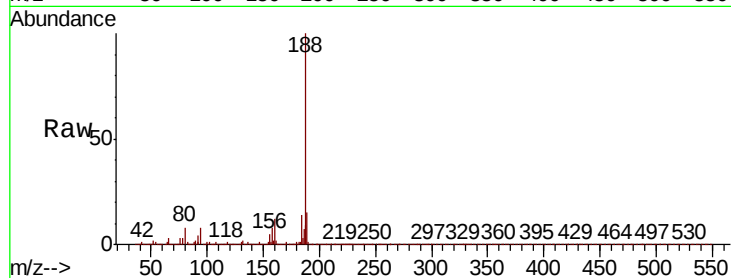




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP001047.D
Acq: 15 Nov 2019 18:55

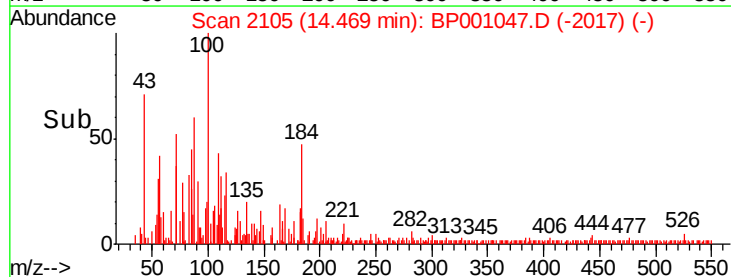
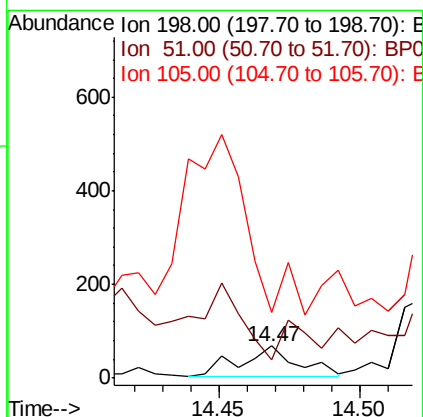
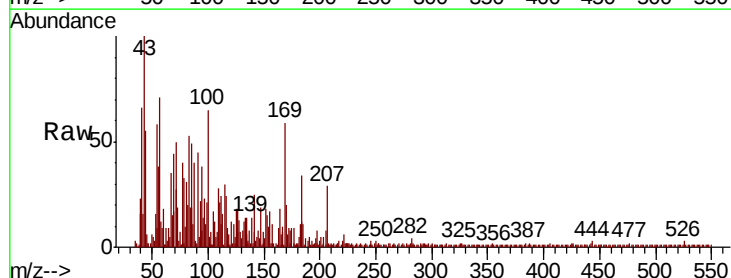
Instrument :
BNA_P
ClientSampled :

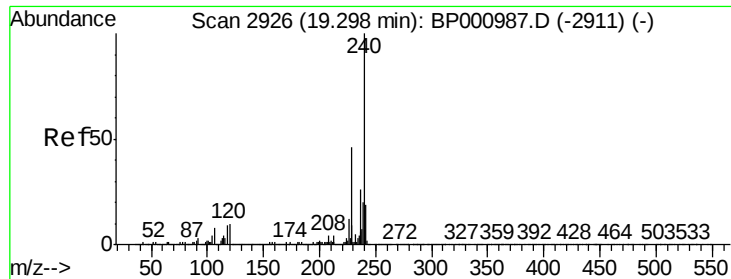
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.4	11.2
80	8.3	7.9	11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 9.904 ng
RT: 14.47 min Scan# 2105
Delta R.T. 0.22 min
Lab File: BP001047.D
Acq: 15 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
198	100		
51	57.4	16.0	56.0#
105	205.9	24.9	64.9#

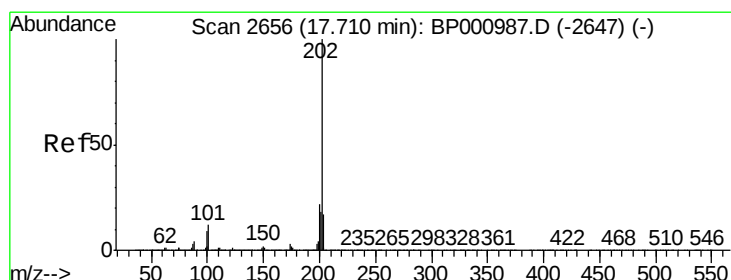
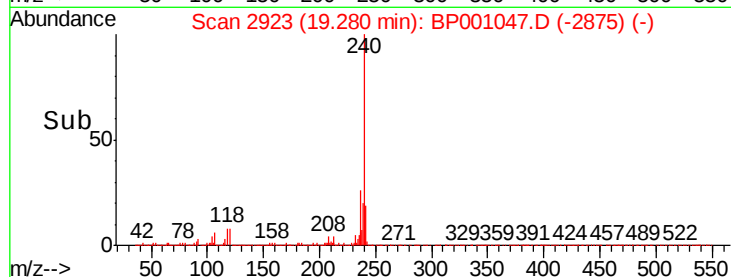
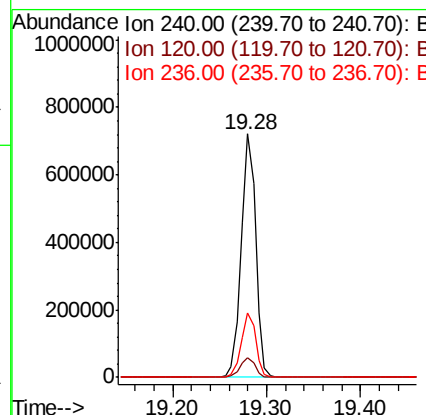
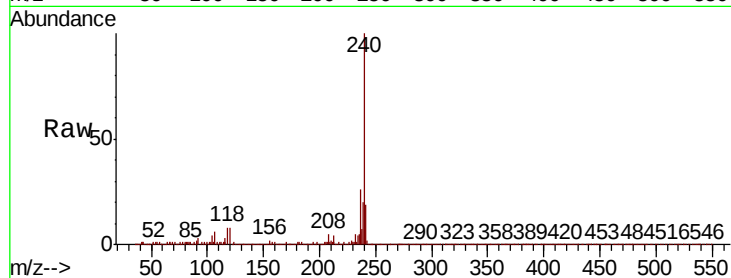




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.28 min Scan# 2923
Delta R.T. -0.02 min
Lab File: BP001047.D
Acq: 15 Nov 2019 18:55

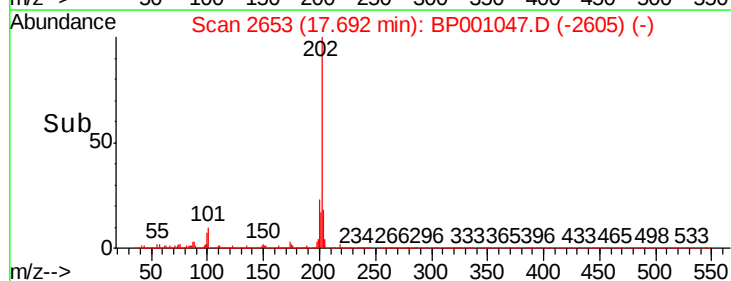
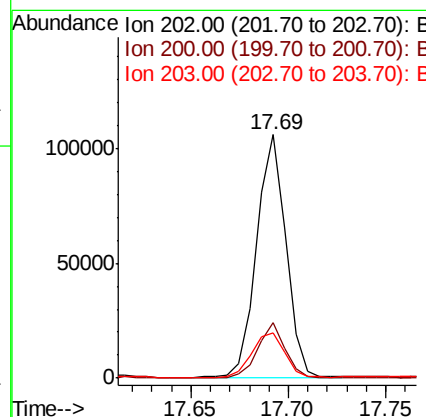
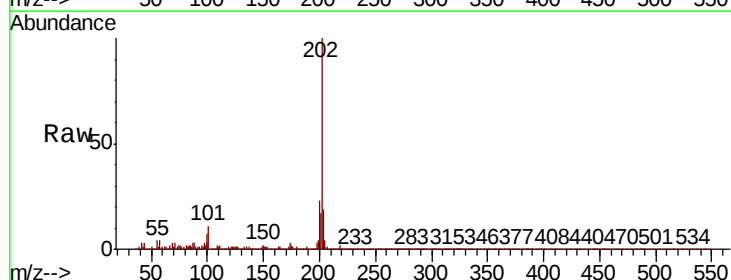
Instrument :
BNA_P
ClientSampled :

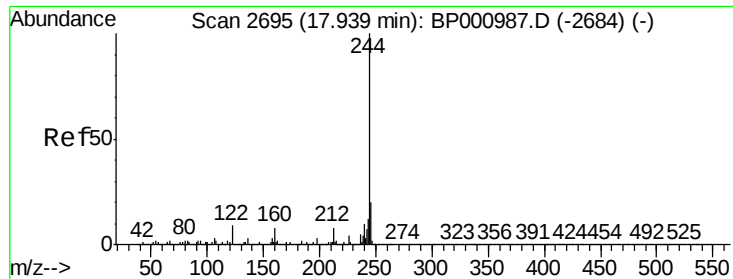
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	26.4	20.5	30.7



#78
Pyrene
Concen: 2.013 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.02 min
Lab File: BP001047.D
Acq: 15 Nov 2019 18:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.2	25.8
203	18.6	14.0	21.0





#79

Terphenyl-d14

Concen: 88.212 ng

RT: 17.93 min Scan# 2693

Delta R.T. -0.01 min

Lab File: BP001047.D

Acq: 15 Nov 2019 18:55

Instrument :

BNA_P

ClientSampleId :

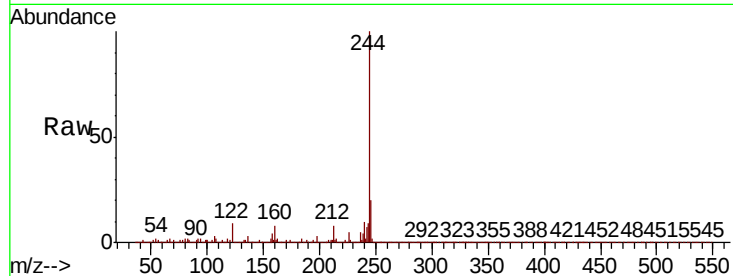
Tot Ion:244 Resp: 3436027

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

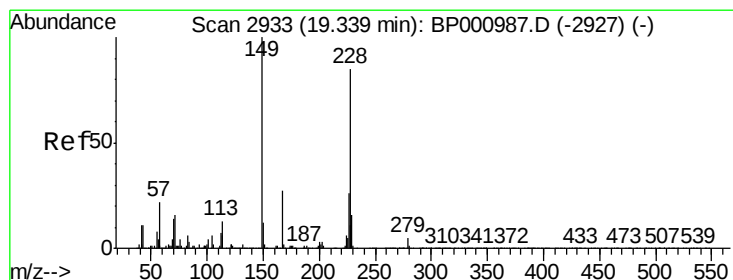
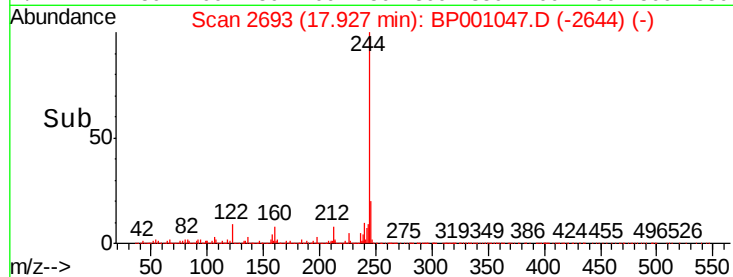
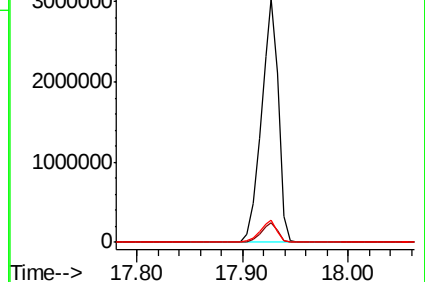
122 9.1 7.4 11.2



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 20.498 ng

RT: 19.32 min Scan# 2930

Delta R.T. -0.02 min

Lab File: BP001047.D

Acq: 15 Nov 2019 18:55

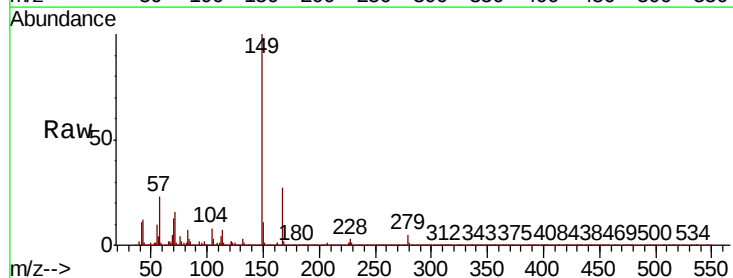
Tgt Ion:149 Resp: 565066

Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.2

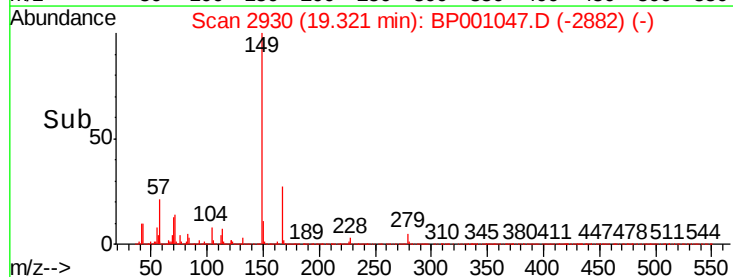
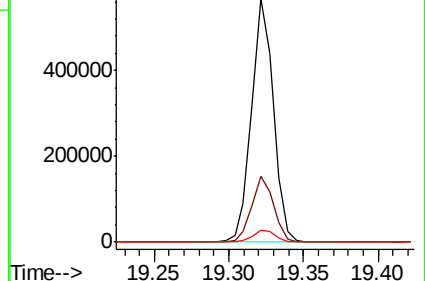
279 4.7 3.7 5.5

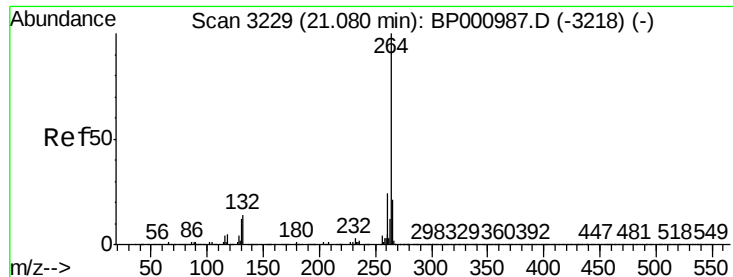


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3226

Delta R.T. -0.02 min

Lab File: BP001047.D

Acq: 15 Nov 2019 18:55

Instrument :

BNA_P

ClientSampleId :

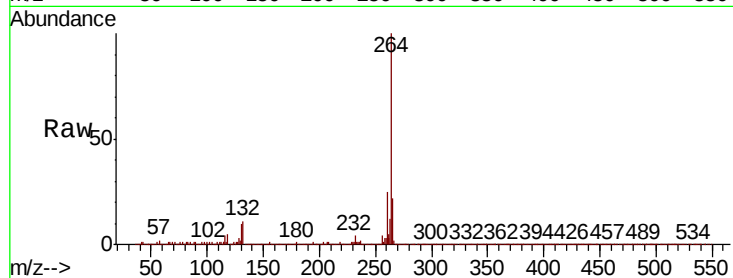
Tot Ion:264 Resp: 834532

Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 21.8 17.1 25.7

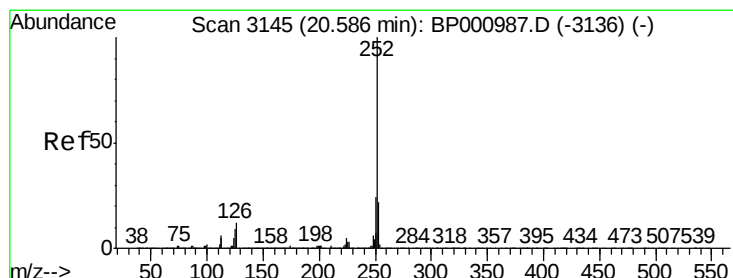
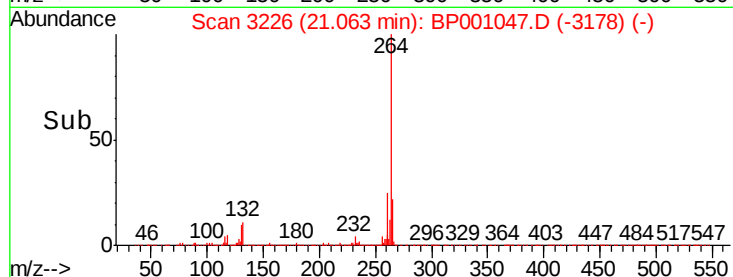
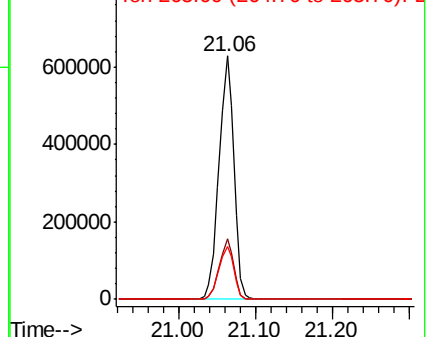


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 2.774 ng

RT: 20.57 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BP001047.D

Acq: 15 Nov 2019 18:55

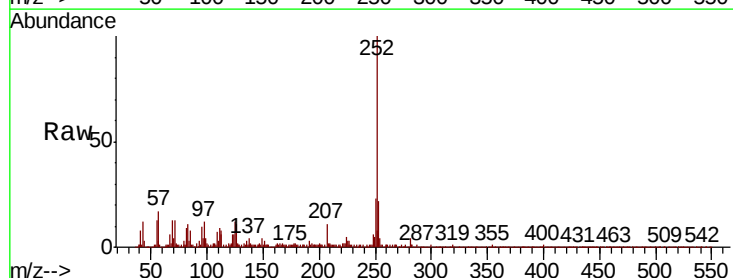
Tgt Ion:252 Resp: 138007

Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 11.7 7.3 10.9#

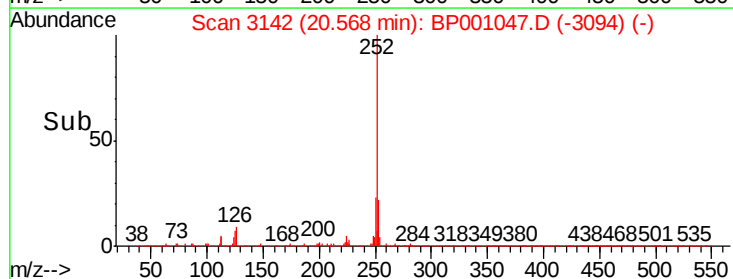
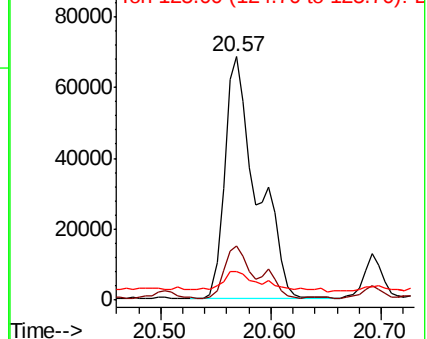


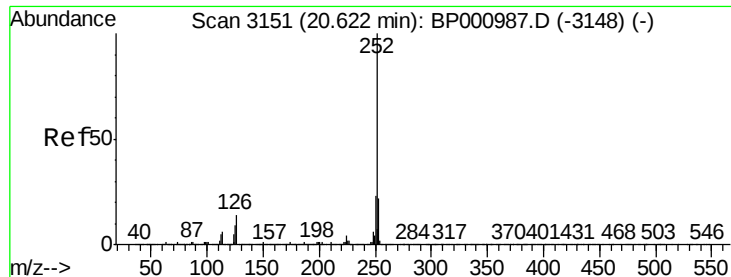
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.947 ng

RT: 20.57 min Scan# 3142

Delta R.T. -0.05 min

Lab File: BP001047.D

Acq: 15 Nov 2019 18:55

Instrument :

BNA_P

ClientSampleId :

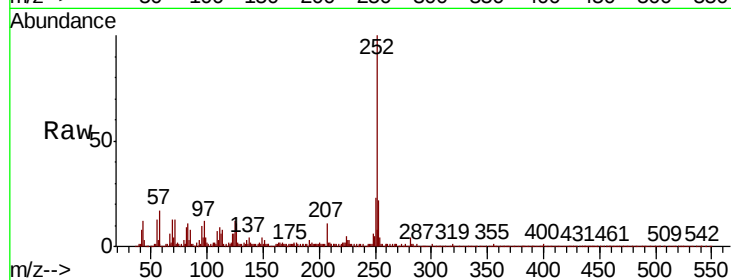
Tot Ion:252 Resp: 138007

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.7 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

