

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001051.D
 Acq On : 15 Nov 2019 20:56
 Operator : JU
 Sample : K5832-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 16 03:31:09 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

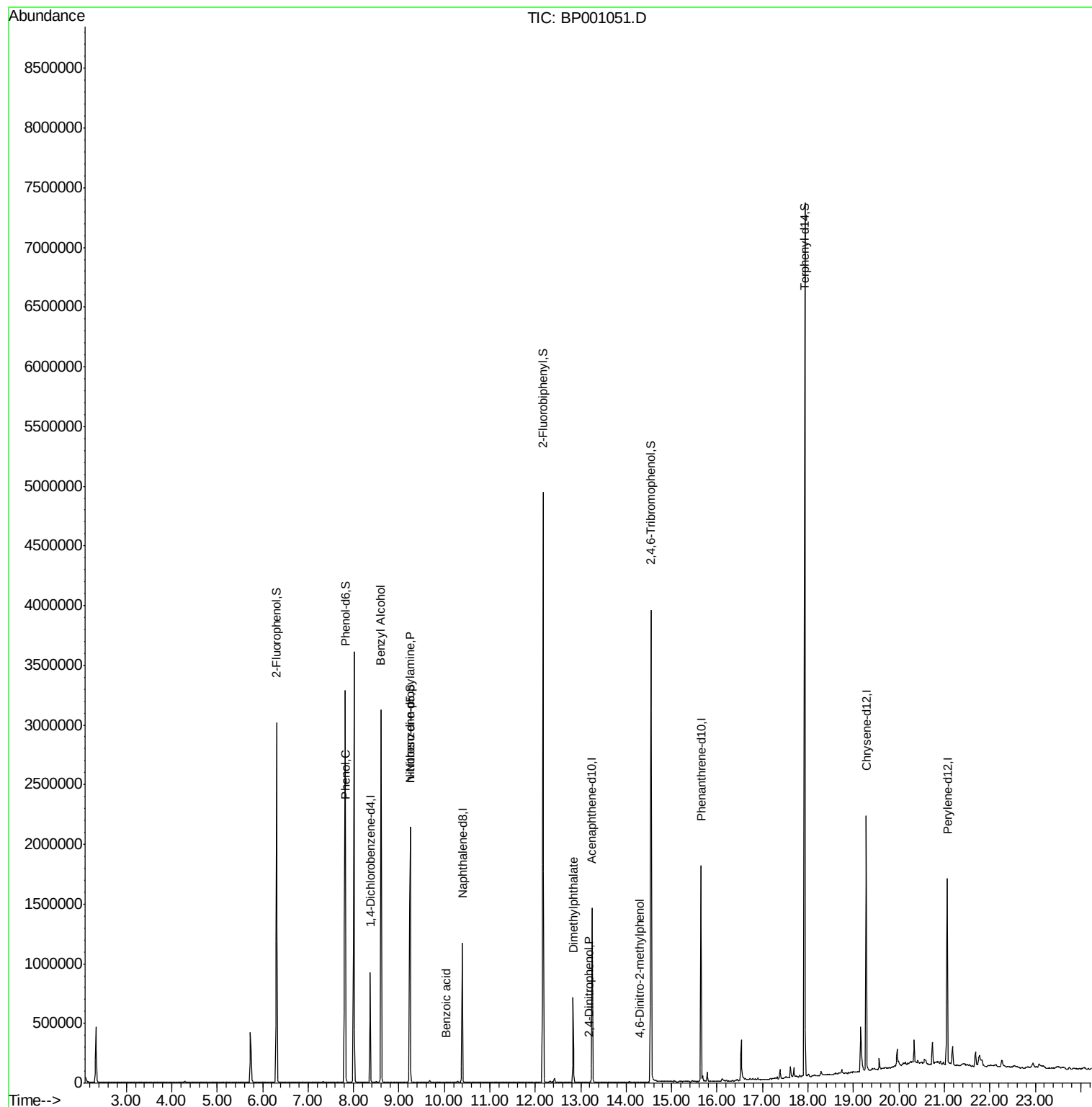
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	181128	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	669698	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	400541	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	851858	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	786049	20.00	ng	-0.02
87) Perylene-d12	21.06	264	854393	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1186644	119.25	ng	0.01
7) Phenol-d6	7.82	99	1554848	123.56	ng	0.00
23) Nitrobenzene-d5	9.25	82	973056	80.37	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	686934	143.66	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	2120563	79.74	ng	-0.02
79) Terphenyl-d14	17.93	244	3070572	77.70	ng	-0.01
Target Compounds						
10) Phenol	7.83	94	45890	3.334	ng	84
15) Benzyl Alcohol	8.60	79	19424	2.026	ng	# 50
19) n-Nitroso-di-n-propylamine	9.24	70	134796	17.839	ng	# 78
32) Benzoic acid	10.05	122	21	7.671	ng	# 31
50) Dimethylphthalate	12.83	163	360851	12.184	ng	99
54) 2,4-Dinitrophenol	13.17	184	6	8.311	ng	88
65) 4,6-Dinitro-2-methylphenol	14.29	198	52	9.897	ng	# 56

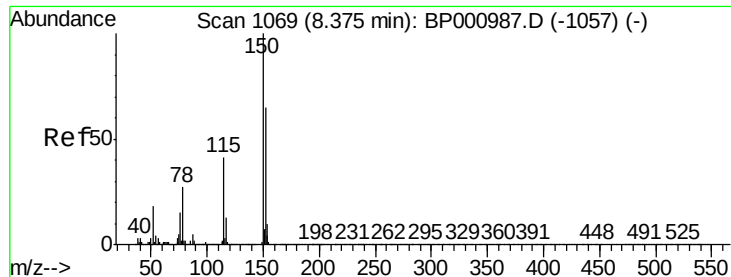
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001051.D

Acq: 15 Nov 2019 20:56

Instrument :

BNA_P

ClientSampleId :

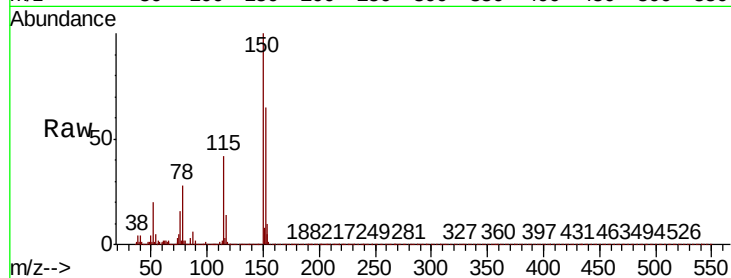
Tot Ion:152 Resp: 181128

Ion Ratio Lower Upper

152 100

150 154.7 123.6 185.4

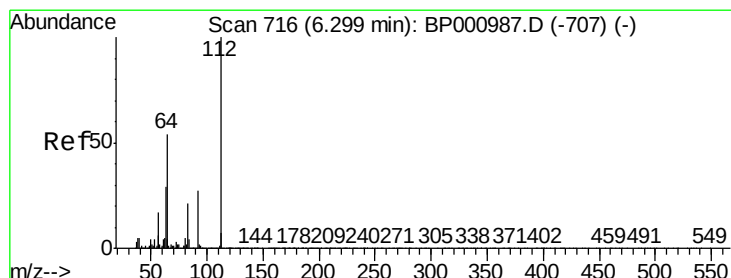
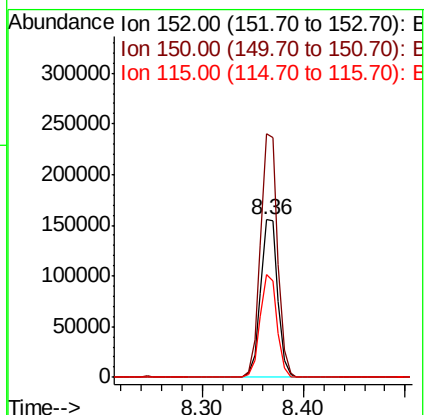
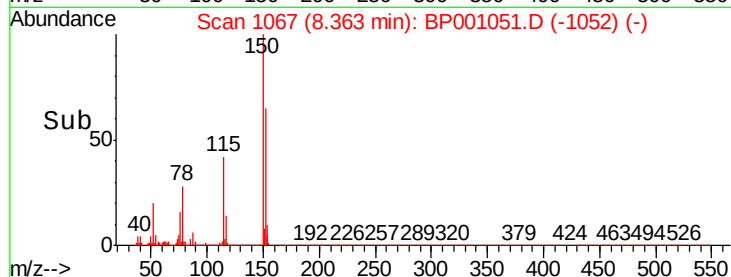
115 65.0 50.1 75.1



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: 119.247 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001051.D

Acq: 15 Nov 2019 20:56

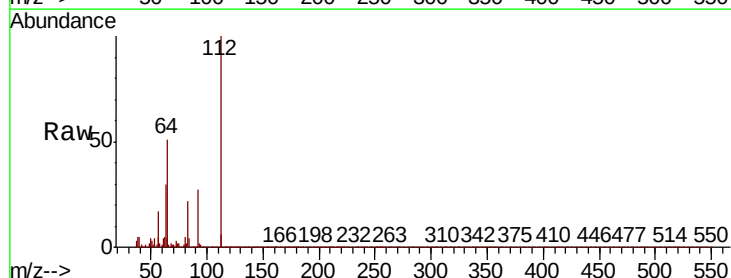
Tgt Ion:112 Resp: 1186644

Ion Ratio Lower Upper

112 100

64 50.9 43.4 65.0

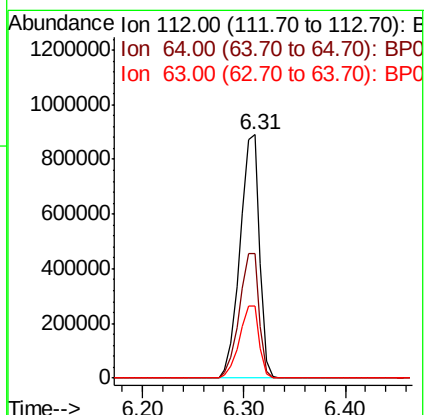
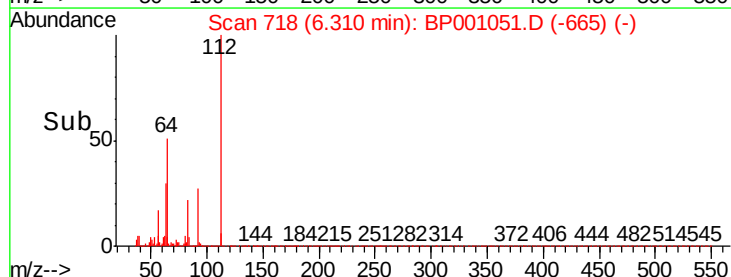
63 29.6 23.4 35.0

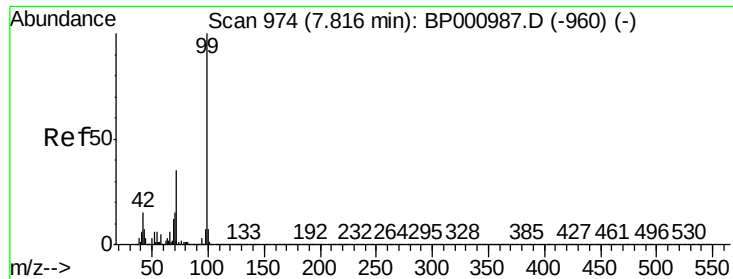


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 123.560 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001051.D

Acq: 15 Nov 2019 20:56

Instrument :

BNA_P

ClientSampleId :

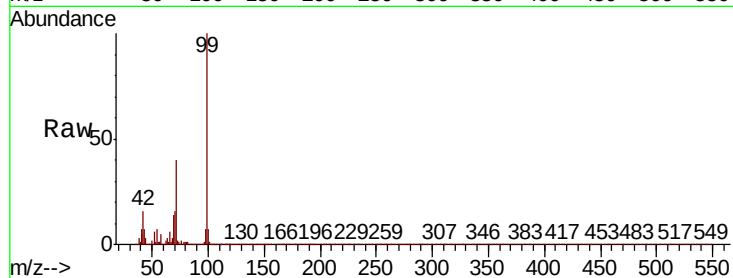
Tot Ion: 99 Resp: 1554848

Ion Ratio Lower Upper

99 100

42 15.9 11.6 17.4

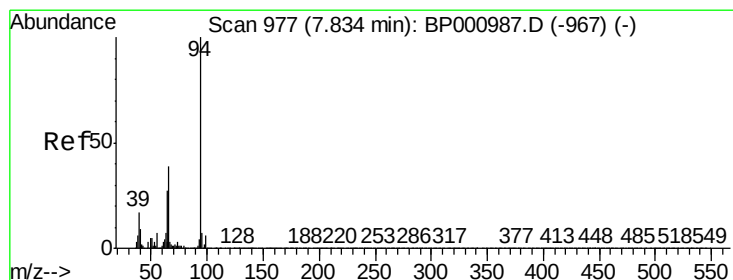
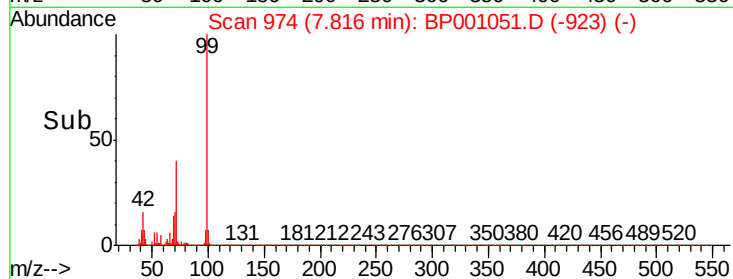
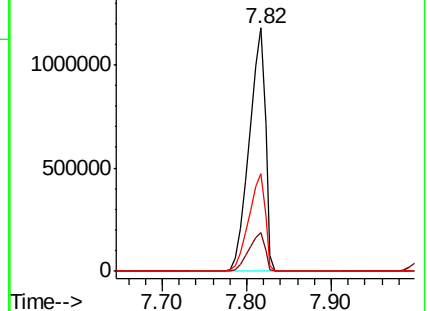
71 40.3 28.0 42.0



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



#10

Phenol

Concen: 3.334 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BP001051.D

Acq: 15 Nov 2019 20:56

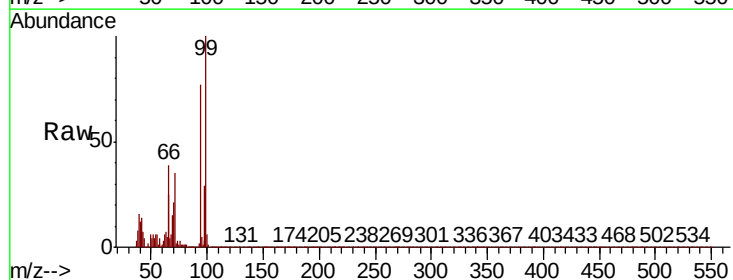
Tgt Ion: 94 Resp: 45890

Ion Ratio Lower Upper

94 100

65 32.0 6.7 46.7

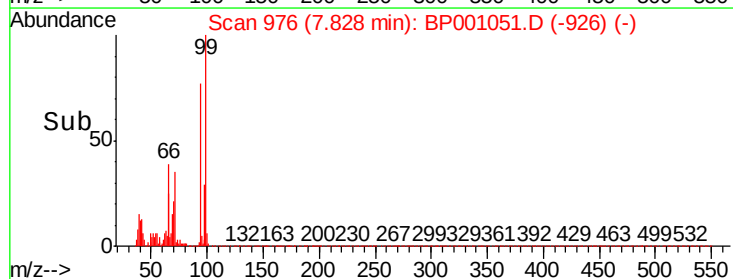
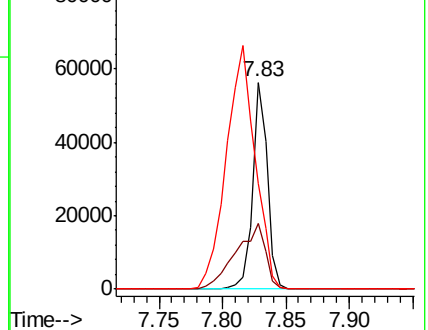
66 50.8 18.6 58.6

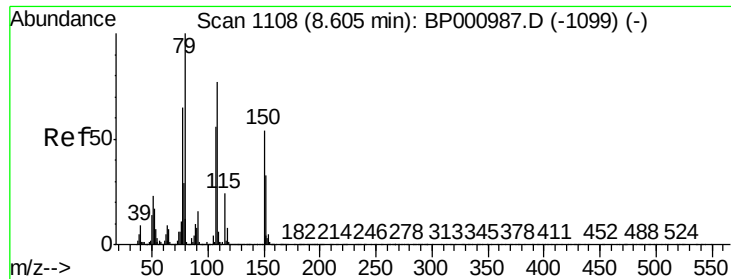


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

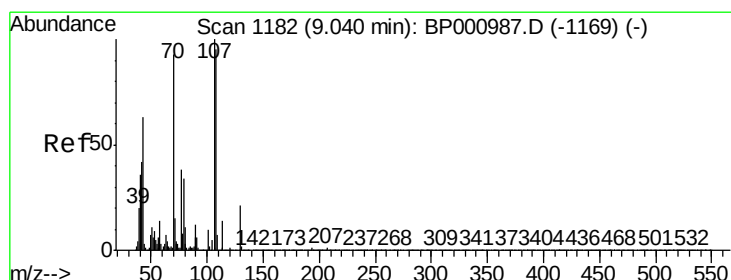
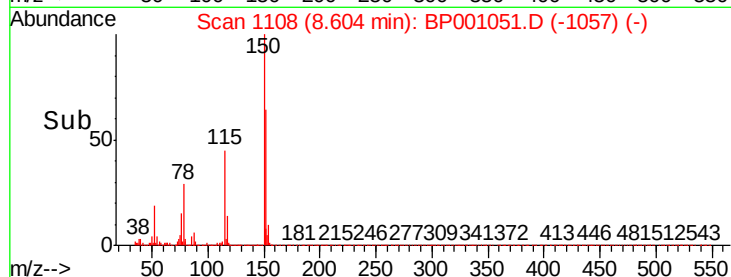
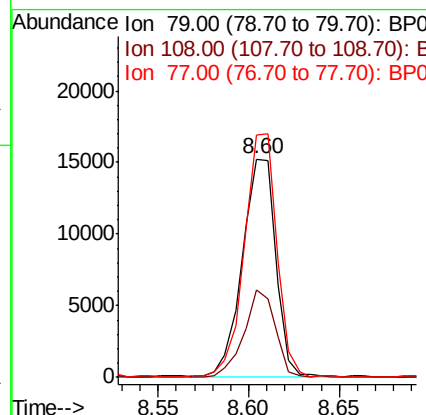
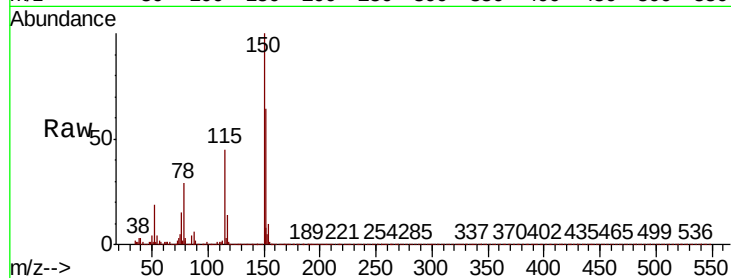




#15
Benzyl Alcohol
Concen: 2.026 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BP001051.D
Acq: 15 Nov 2019 20:56

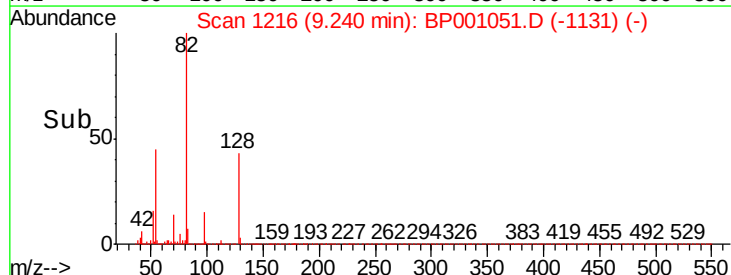
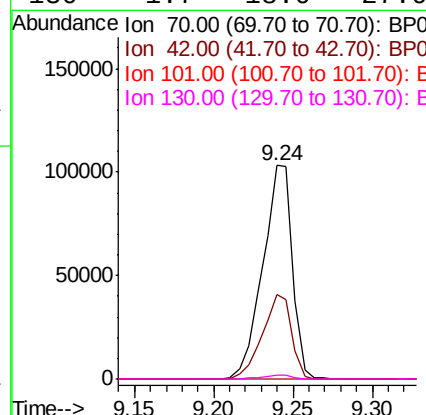
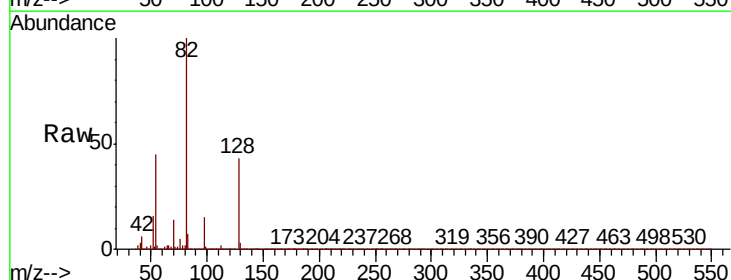
Instrument :
BNA_P
ClientSampleId :

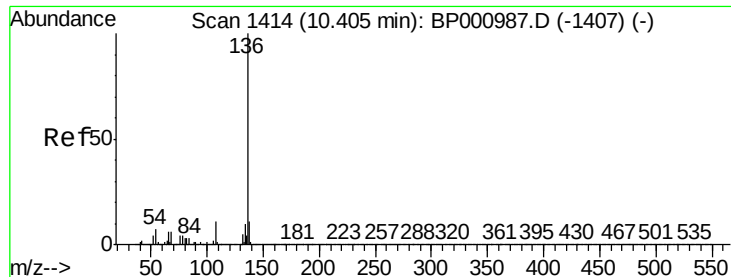
Tot Ion	Ratio	Lower	Upper
79	100		
108	40.0	62.0	93.0#
77	110.8	51.9	77.9#



#19
n-Nitroso-di-n-propylamine
Concen: 17.839 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.20 min
Lab File: BP001051.D
Acq: 15 Nov 2019 20:56

Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.4	36.3	54.5
101	0.0	8.7	13.1#
130	1.7	18.0	27.0#

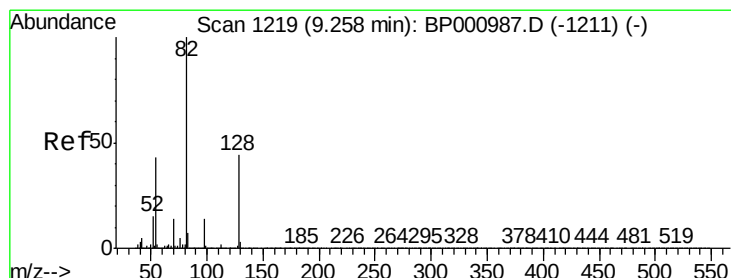
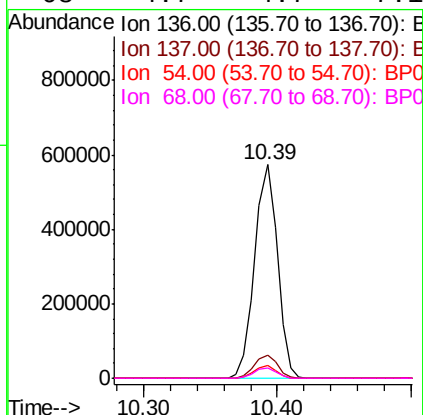
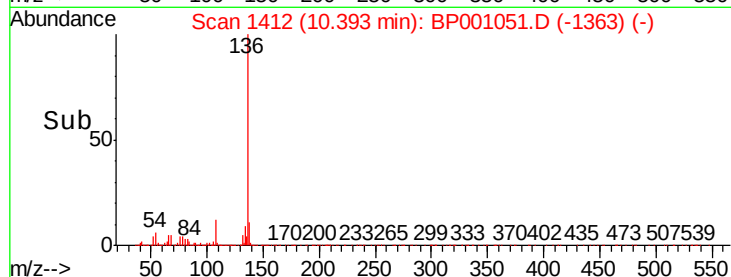
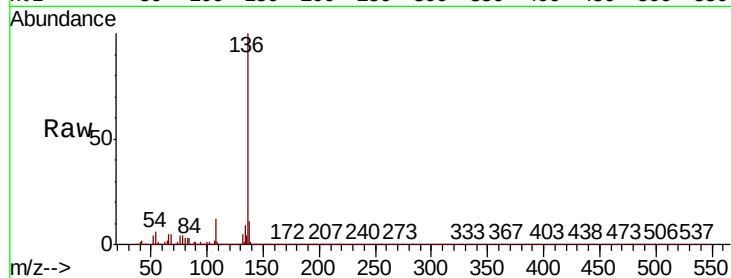




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001051.D
Acq: 15 Nov 2019 20:56

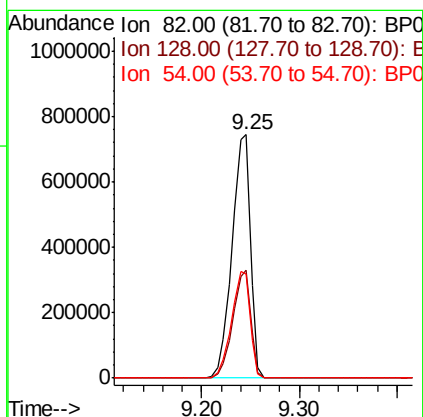
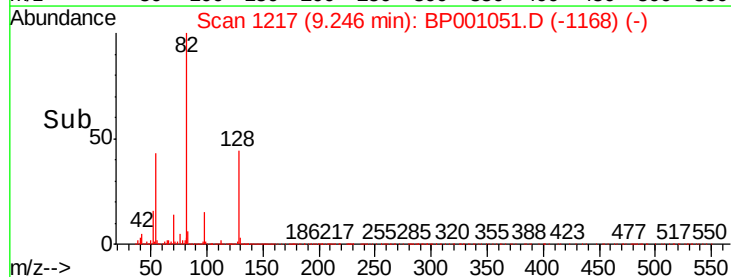
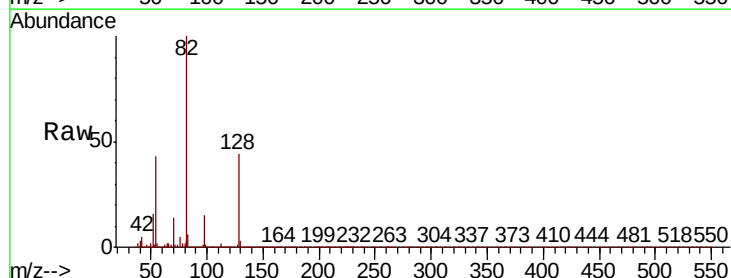
Instrument :
BNA_P
ClientSampleId :

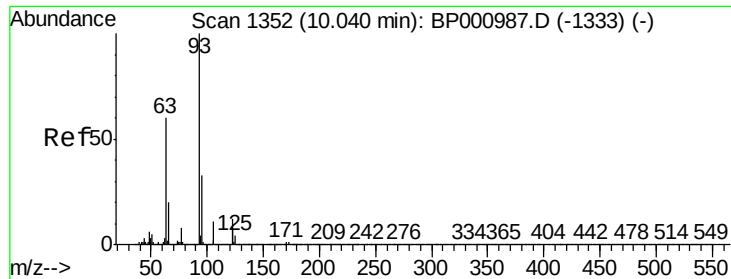
Tot Ion:136	Resp:	669698	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.0	13.6	
54 6.2	5.4	8.2	
68 4.7	4.7	7.1#	



#23
Nitrobenzene-d5
Concen: 80.374 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001051.D
Acq: 15 Nov 2019 20:56

Tgt Ion: 82	Resp: 973056
Ion Ratio	Lower Upper
82 100	
128 44.3	35.3 52.9
54 42.9	34.3 51.5

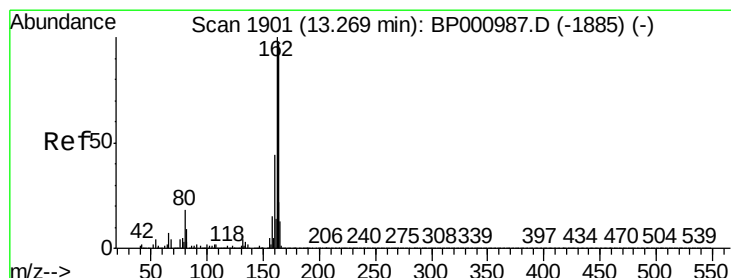
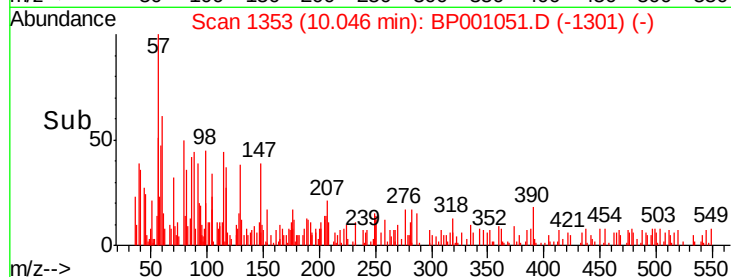
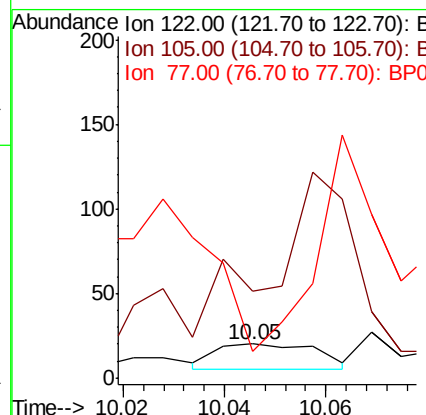
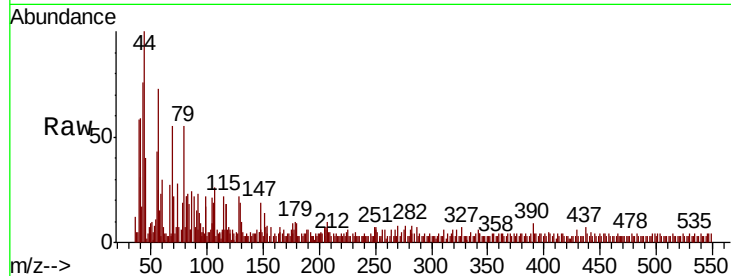




#32
Benzoic acid
Concen: 7.671 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP001051.D
Acq: 15 Nov 2019 20:56

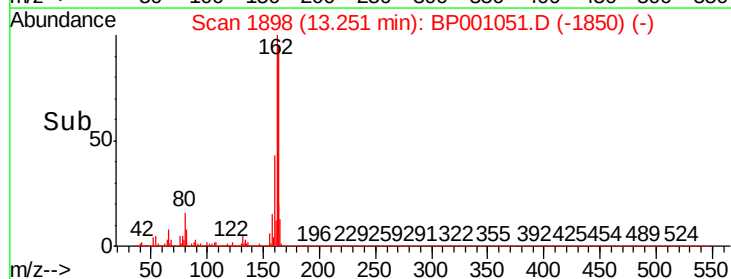
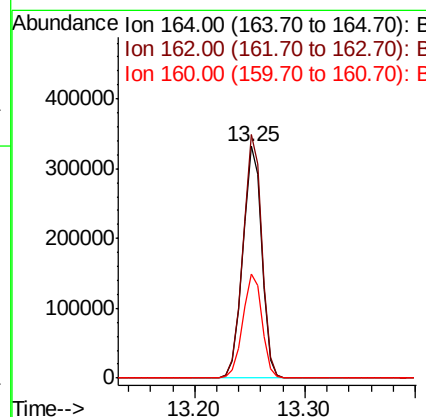
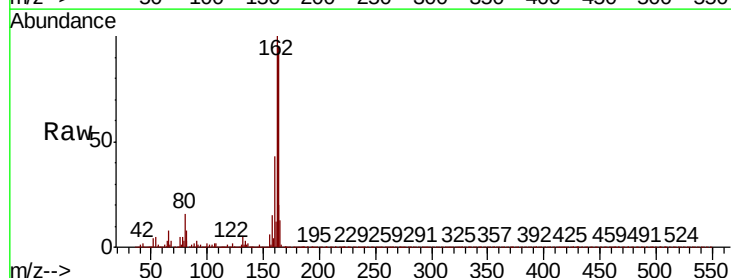
Instrument :
BNA_P
ClientSampleId :

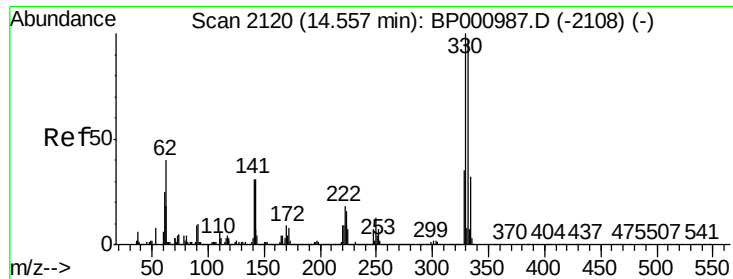
Tot Ion	Ratio	Lower	Upper
122	100		
105	255.0	110.5	150.5#
77	80.0	77.9	117.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001051.D
Acq: 15 Nov 2019 20:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	44.7	36.5	54.7

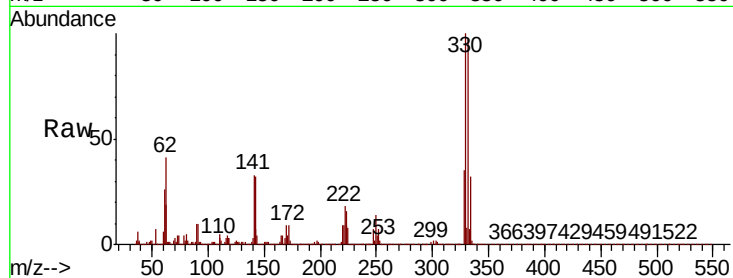




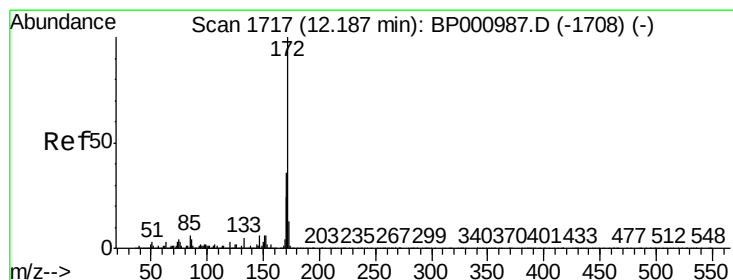
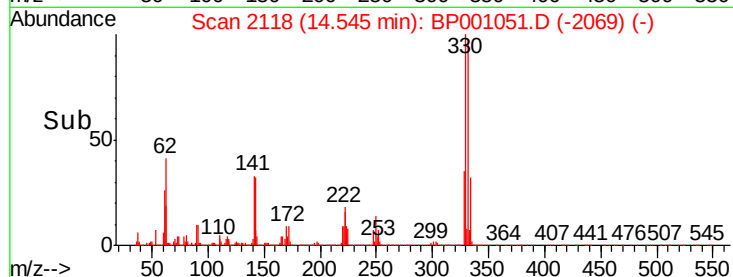
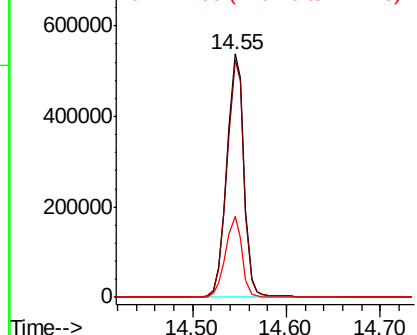
#42
2,4,6-Tribromophenol
Concen: 143.664 ng
RT: 14.55 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BP001051.D
Acq: 15 Nov 2019 20:56

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 686934
Ion Ratio Lower Upper
330 100
332 97.5 78.3 117.5
141 32.3 25.0 37.4

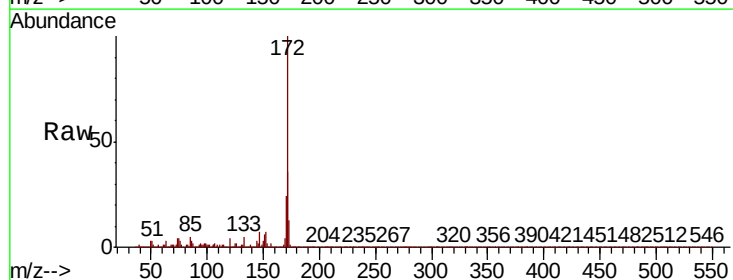


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

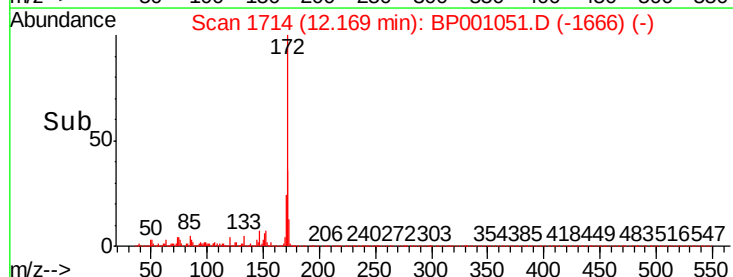
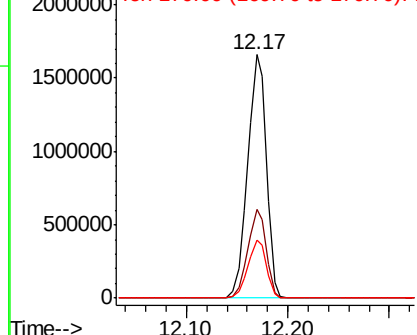


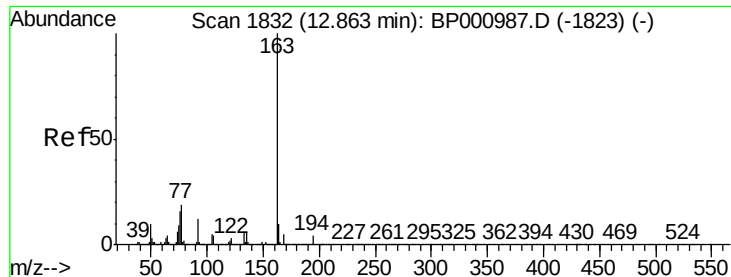
#45
2-Fluorobiphenyl
Concen: 79.736 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001051.D
Acq: 15 Nov 2019 20:56

Tgt Ion:172 Resp: 2120563
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 23.8 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: 12.184 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.03 min

Lab File: BP001051.D

Acq: 15 Nov 2019 20:56

Instrument :

BNA_P

ClientSampleId :

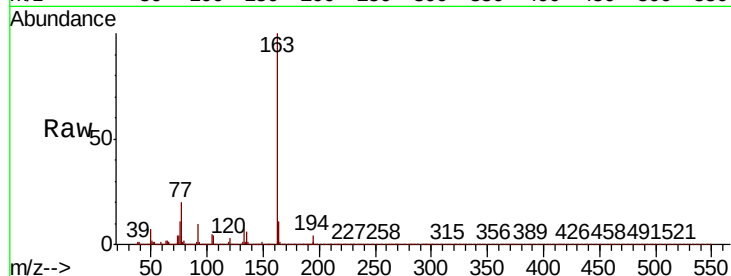
Tot Ion:163 Resp: 360851

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

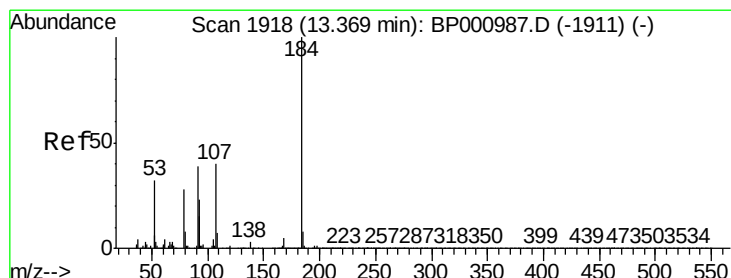
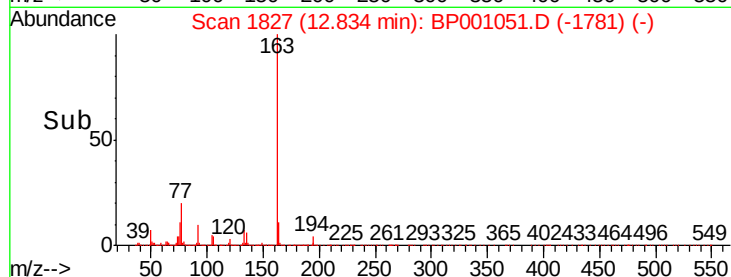
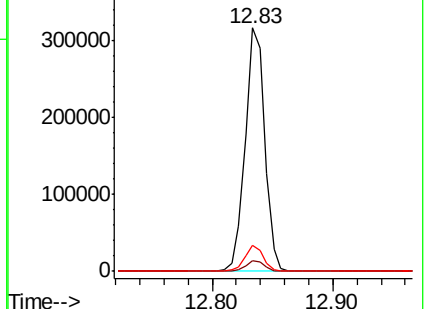
164 10.6 7.9 11.9



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: 13.17 min Scan# 1885

Delta R.T. -0.19 min

Lab File: BP001051.D

Acq: 15 Nov 2019 20:56

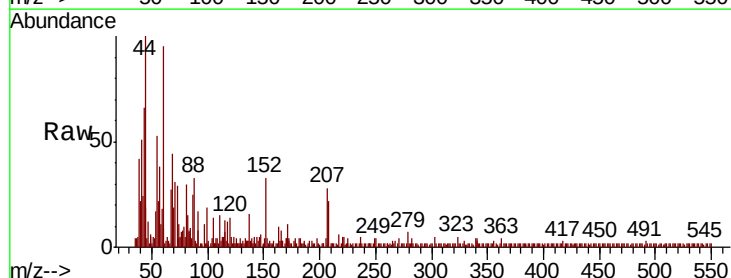
Tgt Ion:184 Resp: 6

Ion Ratio Lower Upper

184 100

63 58.3 41.0 61.6

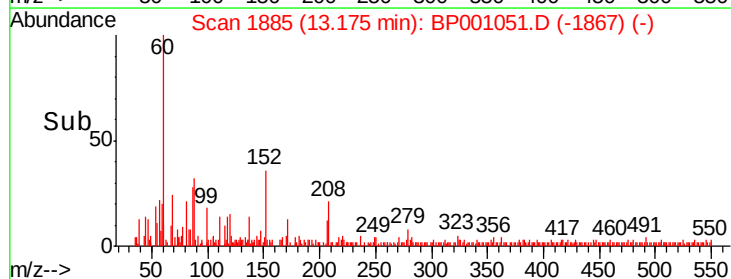
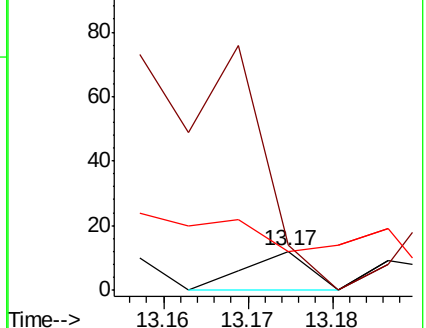
154 50.0 48.1 72.1

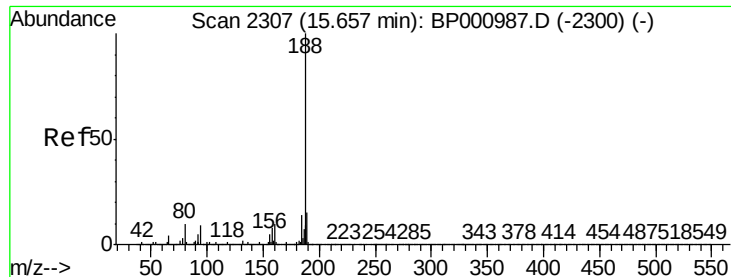


Abundance Ion 184.00 (183.70 to 184.70): E

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: BP001051.D

Acq: 15 Nov 2019 20:56

Instrument :

BNA_P

ClientSampleId :

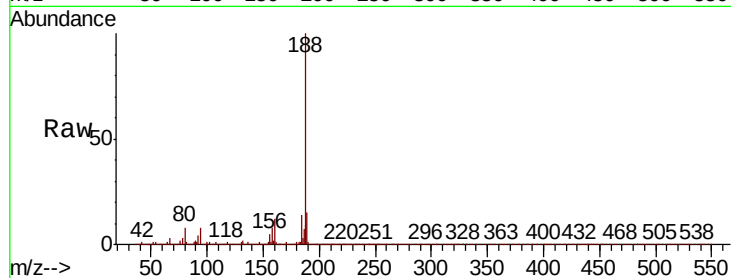
Tot Ion:188 Resp: 851858

Ion Ratio Lower Upper

188 100

94 7.7 7.4 11.2

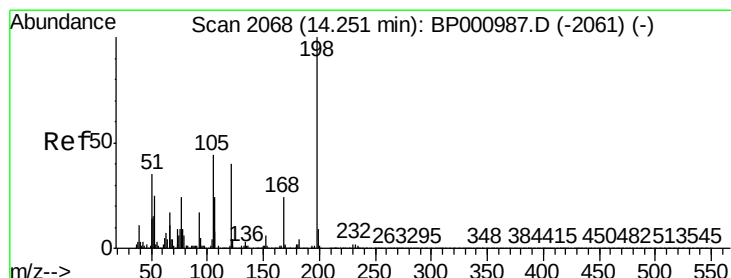
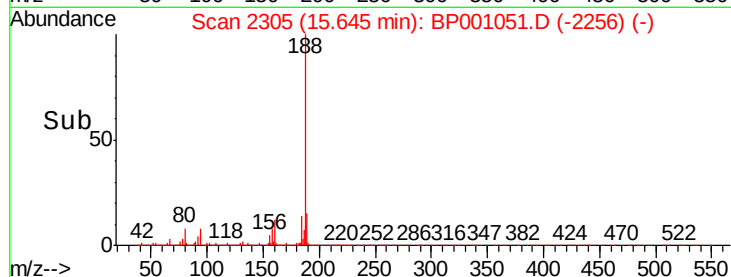
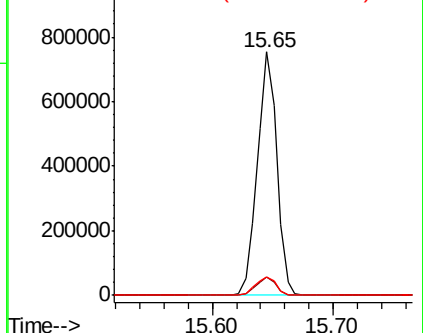
80 7.8 7.9 11.9#



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: 9.897 ng

RT: 14.29 min Scan# 2074

Delta R.T. 0.04 min

Lab File: BP001051.D

Acq: 15 Nov 2019 20:56

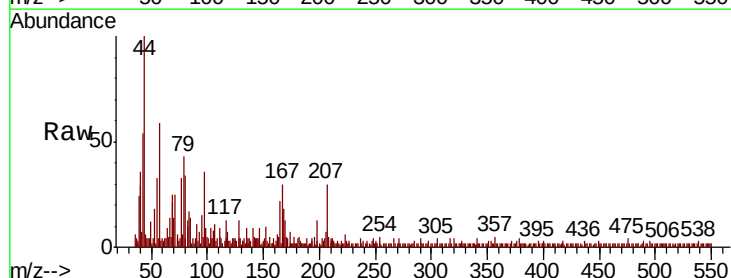
Tgt Ion:198 Resp: 52

Ion Ratio Lower Upper

198 100

51 0.0 16.0 56.0#

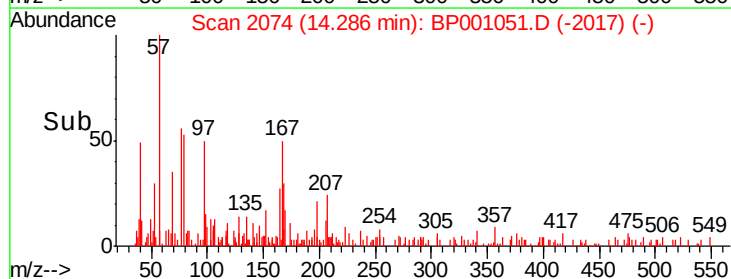
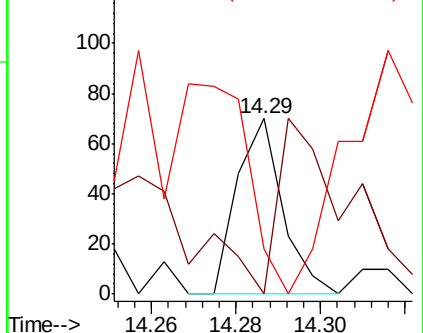
105 25.7 24.9 64.9

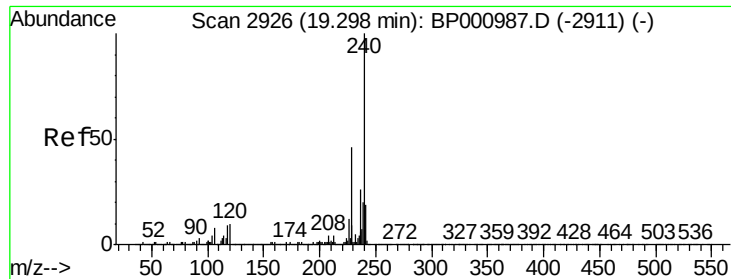


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

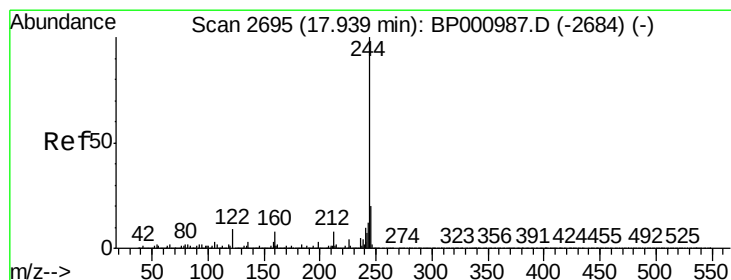
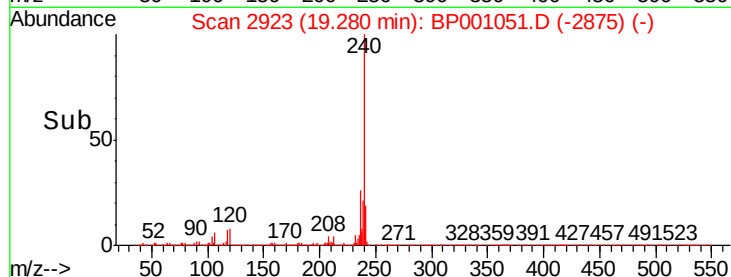
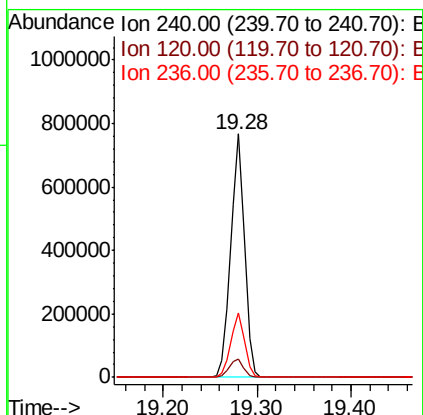
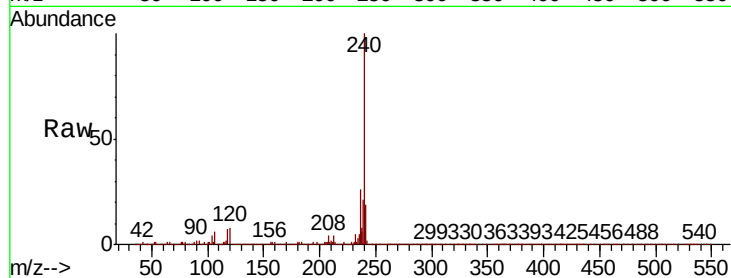




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.28 min Scan# 2923
 Delta R.T. -0.02 min
 Lab File: BP001051.D
 Acq: 15 Nov 2019 20:56

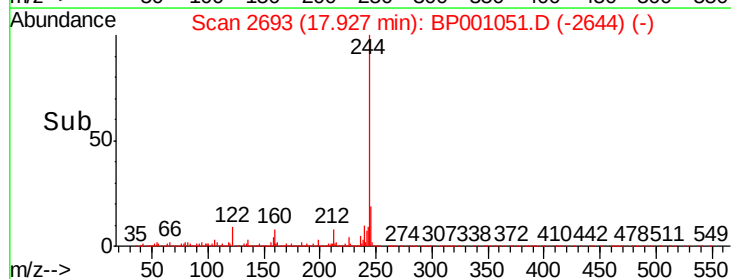
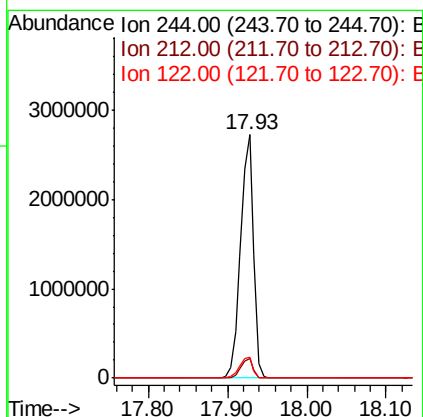
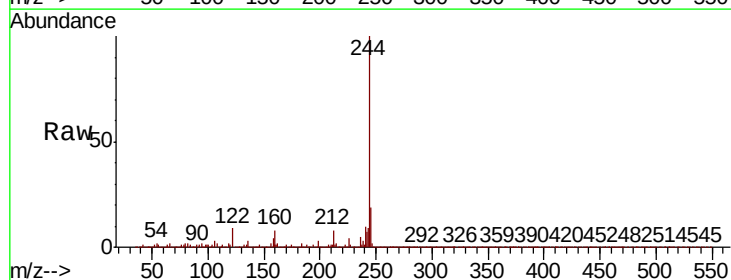
Instrument :
 BNA_P
 ClientSampleID :

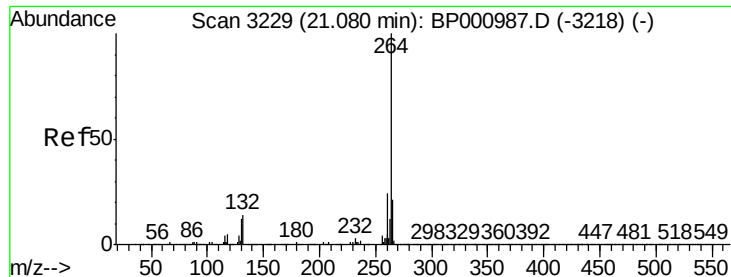
Tot Ion:240 Resp: 786049
 Ion Ratio Lower Upper
 240 100
 120 7.7 8.2 12.2#
 236 26.4 20.5 30.7



#79
 Terphenyl-d14
 Concen: 77.703 ng
 RT: 17.93 min Scan# 2693
 Delta R.T. -0.01 min
 Lab File: BP001051.D
 Acq: 15 Nov 2019 20:56

Tgt Ion:244 Resp: 3070572
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 8.6 7.4 11.2

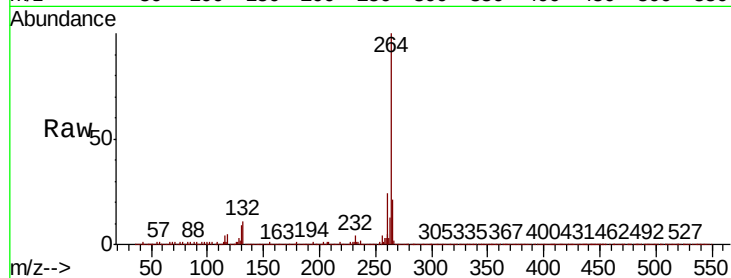




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3226
 Delta R.T. -0.02 min
 Lab File: BP001051.D
 Acq: 15 Nov 2019 20:56

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.1	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

