

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001053.D
 Acq On : 15 Nov 2019 21:56
 Operator : JU
 Sample : K5832-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 16 03:31:43 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

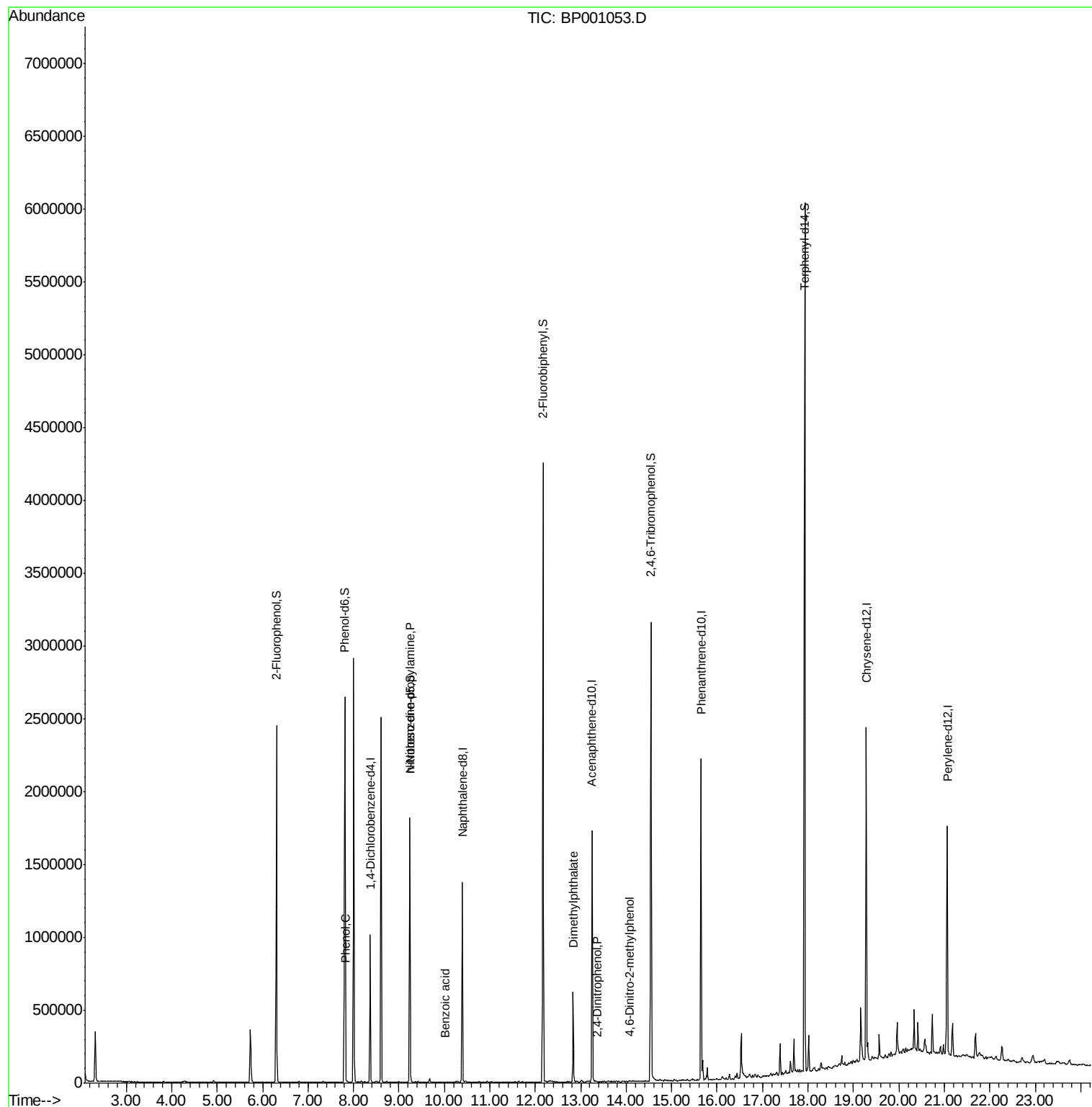
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	200500	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	749124	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	467712	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	1019921	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	867254	20.00	ng	-0.02
87) Perylene-d12	21.06	264	881553	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	901267	81.82	ng	0.00
7) Phenol-d6	7.81	99	1189919	85.42	ng	0.00
23) Nitrobenzene-d5	9.24	82	751571	55.50	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	553274	99.09	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	1733856	55.83	ng	-0.02
79) Terphenyl-d14	17.93	244	2661598	61.05	ng	-0.01
Target Compounds						
10) Phenol	7.83	94	38066	2.498	ng	97
19) n-Nitroso-di-n-propylamine	9.24	70	101564	12.143	ng	# 80
32) Benzoic acid	10.03	122	12	7.670	ng	# 1
50) Dimethylphthalate	12.83	163	323805	9.363	ng	99
54) 2,4-Dinitrophenol	13.37	184	14	8.314	ng	# 23
65) 4,6-Dinitro-2-methylphenol	14.08	198	44	9.892	ng	# 1

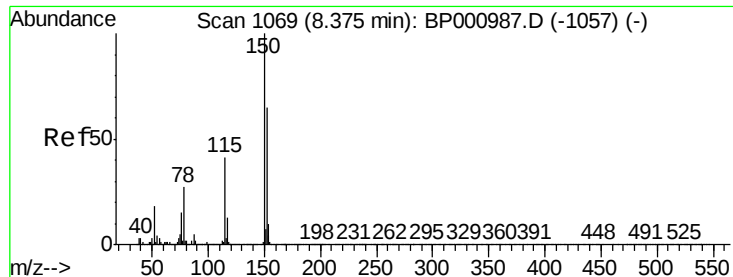
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 06 17:07:13 2019
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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: BP001053.D

Acq: 15 Nov 2019 21:56

Instrument :

BNA_P

ClientSampleId :

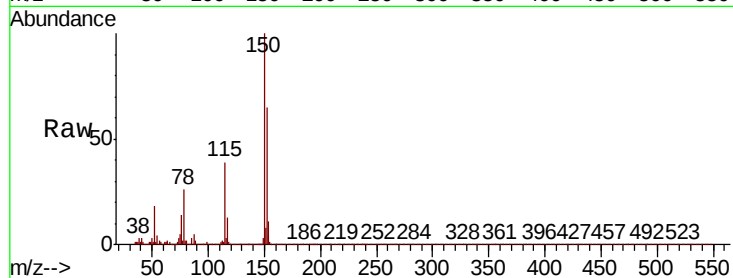
Tot Ion:152 Resp: 200500

Ion Ratio Lower Upper

152 100

150 154.4 123.6 185.4

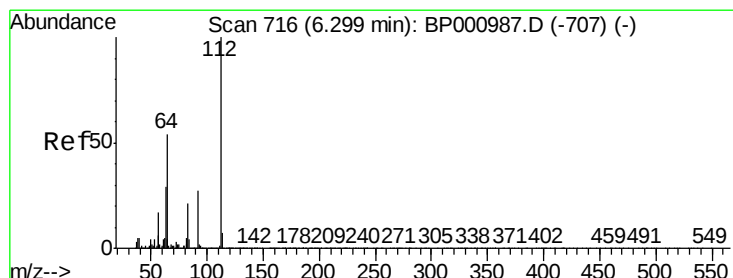
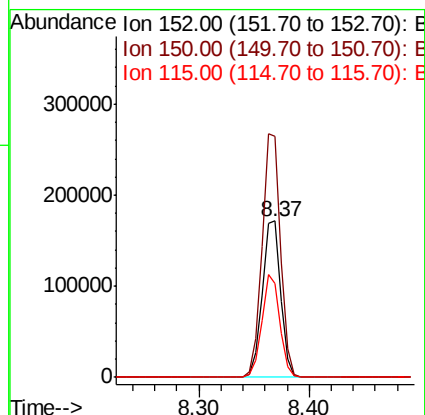
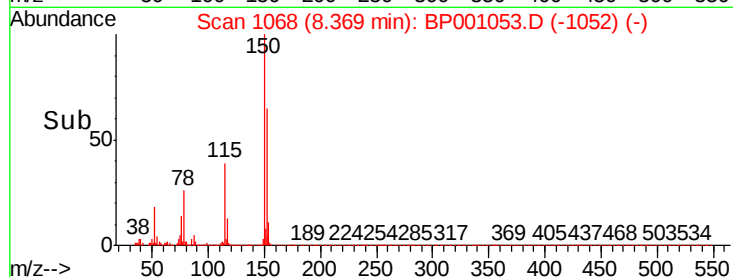
115 60.4 50.1 75.1



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: 81.819 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP001053.D

Acq: 15 Nov 2019 21:56

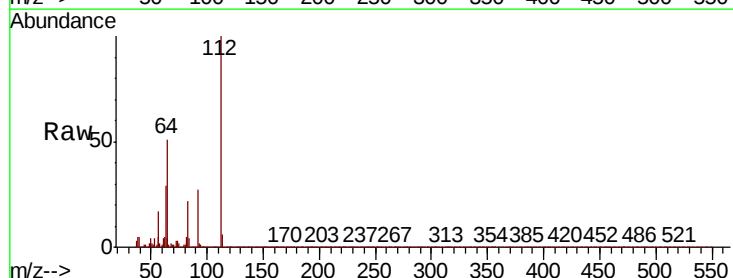
Tgt Ion:112 Resp: 901267

Ion Ratio Lower Upper

112 100

64 50.7 43.4 65.0

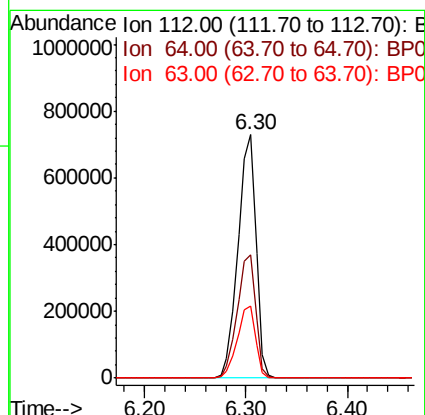
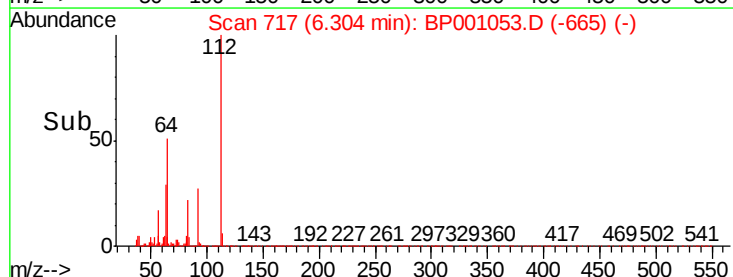
63 29.4 23.4 35.0

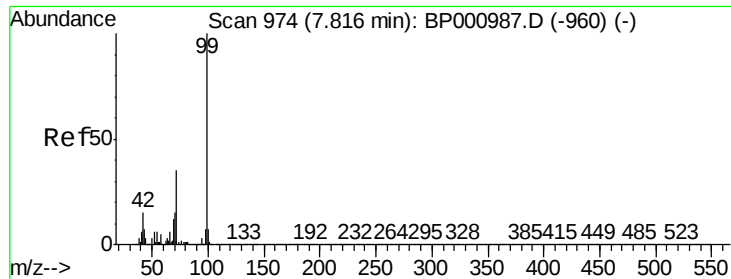


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 85.424 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001053.D

Acq: 15 Nov 2019 21:56

Instrument :

BNA_P

ClientSampleId :

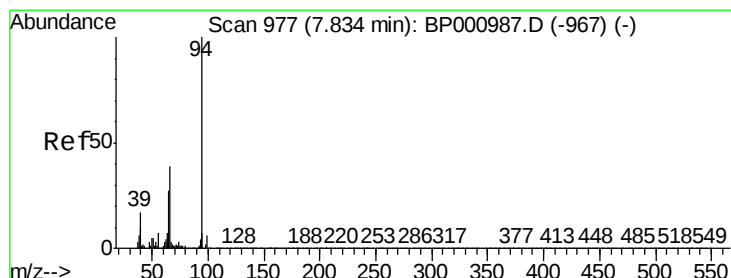
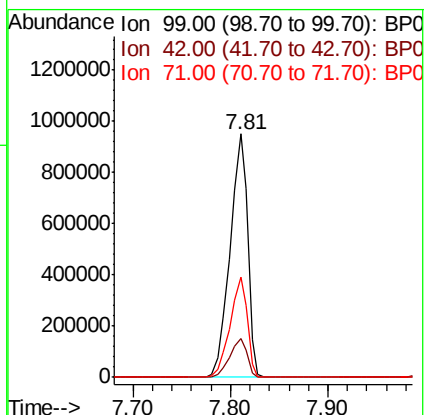
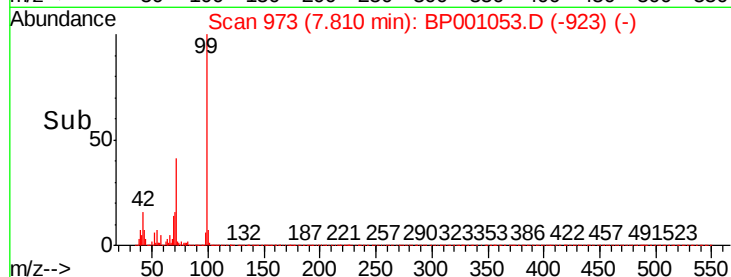
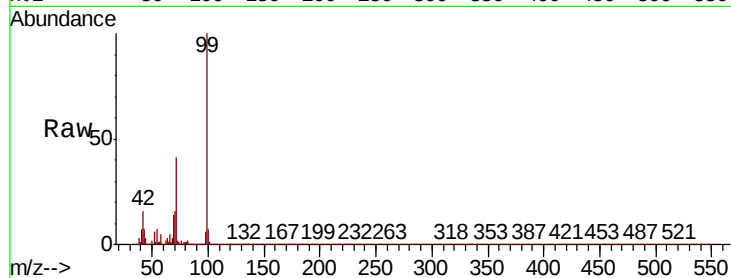
Tot Ion: 99 Resp: 1189919

Ion Ratio Lower Upper

99 100

42 16.0 11.6 17.4

71 40.9 28.0 42.0



#10

Phenol

Concen: 2.498 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BP001053.D

Acq: 15 Nov 2019 21:56

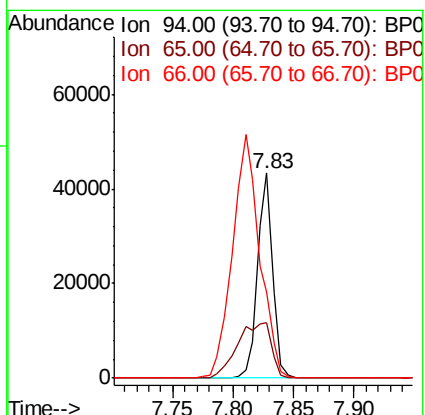
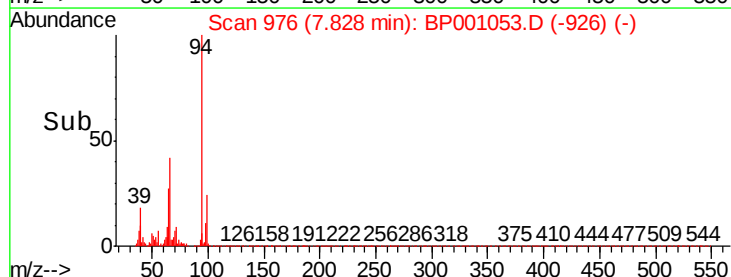
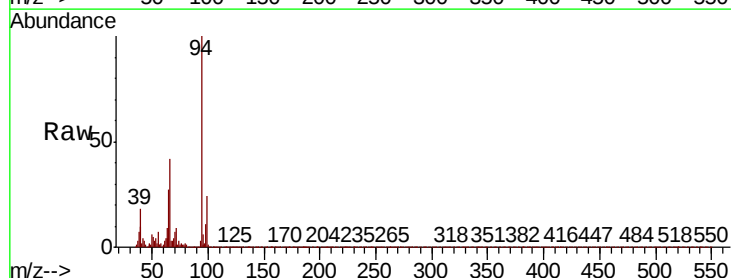
Tgt Ion: 94 Resp: 38066

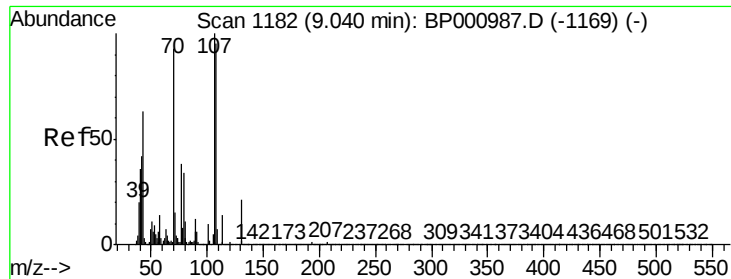
Ion Ratio Lower Upper

94 100

65 26.8 6.7 46.7

66 42.0 18.6 58.6

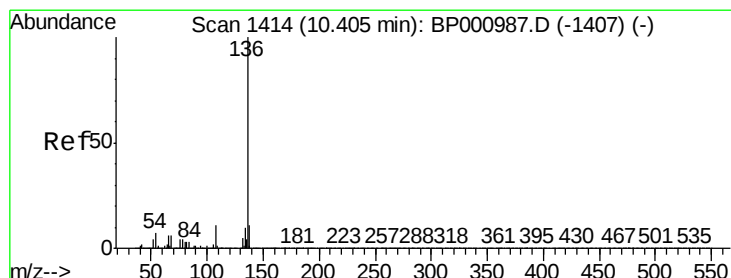
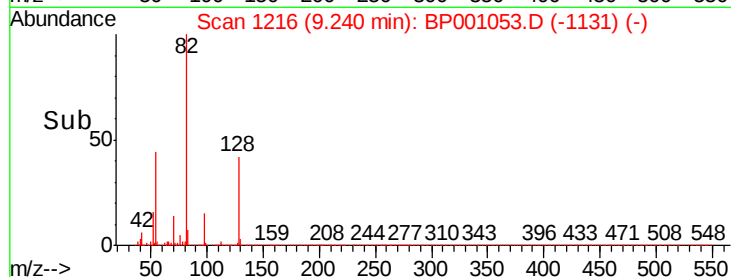
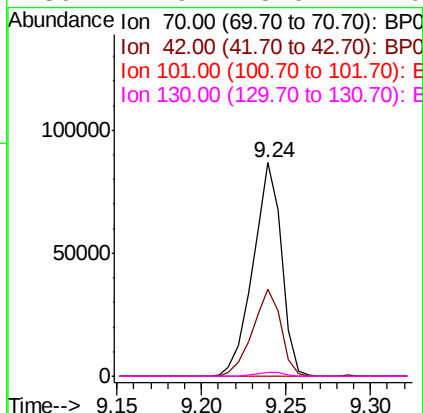
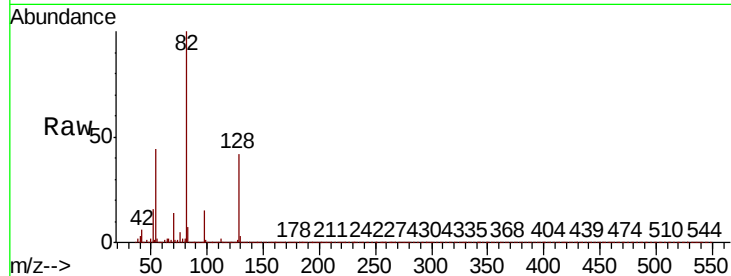




#19
n-Nitroso-di-n-propylamine
Concen: 12.143 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.20 min
Lab File: BP001053.D
Acq: 15 Nov 2019 21:56

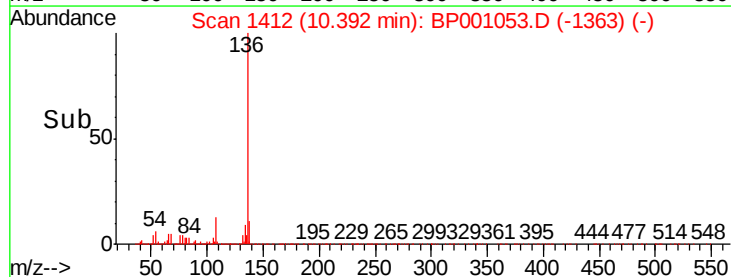
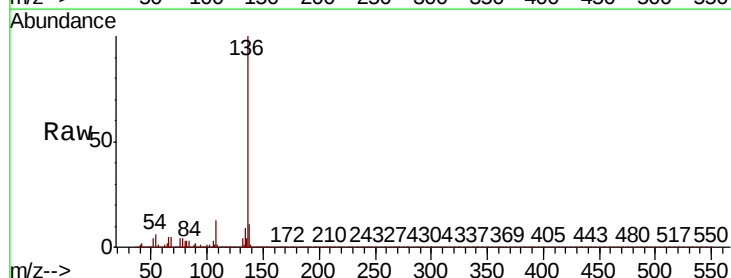
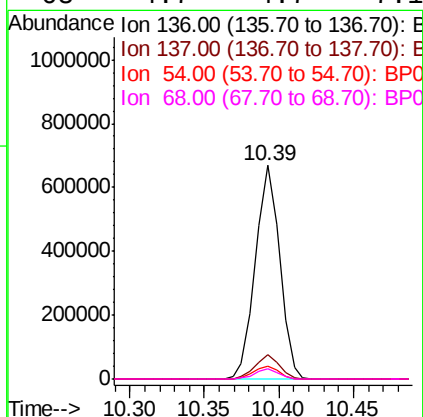
Instrument :
BNA_P
ClientSampleId :

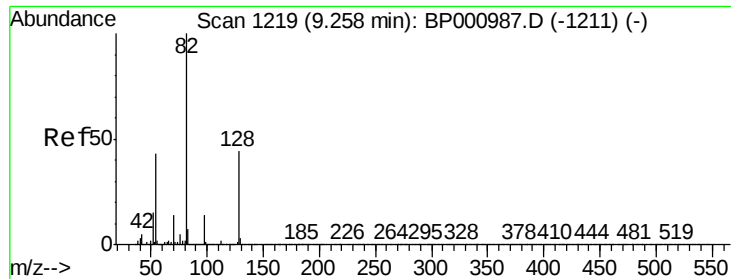
Tot Ion	Ratio	Lower	Upper
70	100		
42	41.0	36.3	54.5
101	0.0	8.7	13.1#
130	1.9	18.0	27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001053.D
Acq: 15 Nov 2019 21:56

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	5.9	5.4	8.2
68	4.7	4.7	7.1#

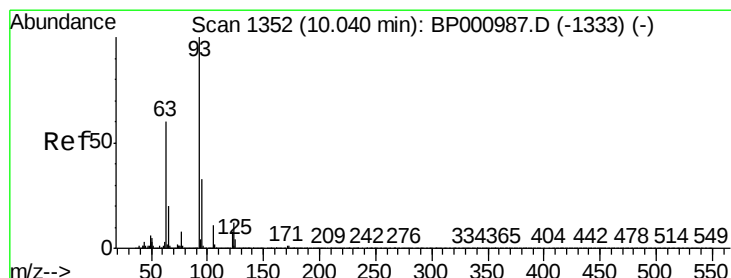
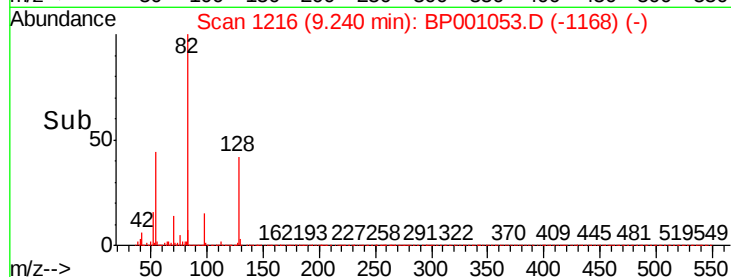
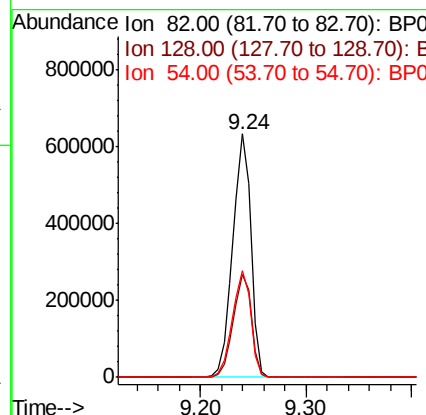
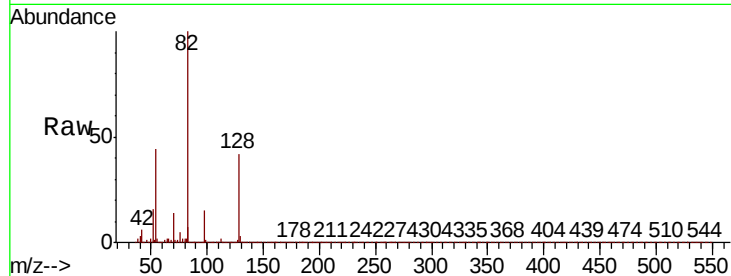




#23
Nitrobenzene-d5
Concen: 55.497 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001053.D
Acq: 15 Nov 2019 21:56

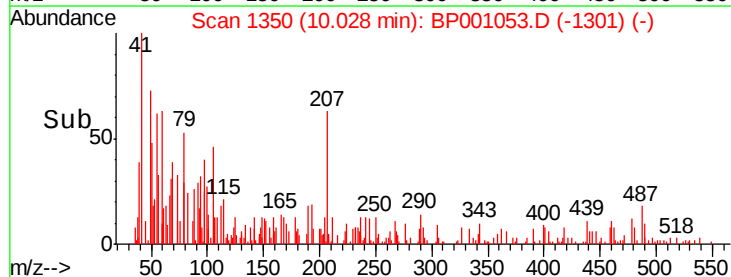
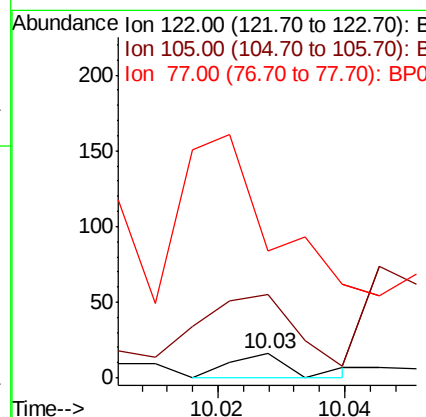
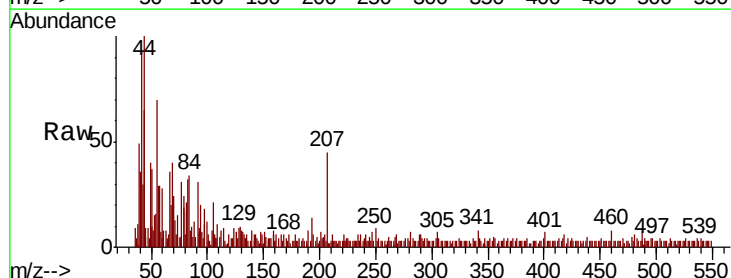
Instrument :
BNA_P
ClientSampleId :

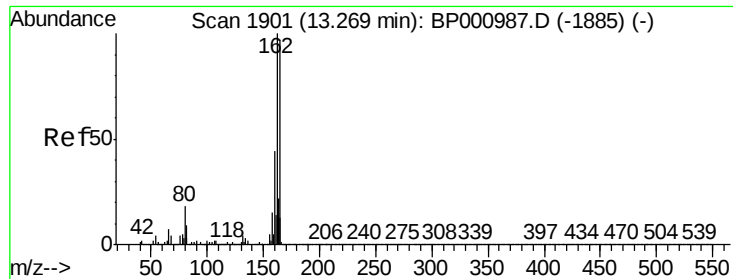
Tot Ion	82	Resp	751571
Ion Ratio	100	Lower	Upper
128	42.1	35.3	52.9
54	43.9	34.3	51.5



#32
Benzoic acid
Concen: 7.670 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BP001053.D
Acq: 15 Nov 2019 21:56

Tgt Ion	122	Resp	12
Ion Ratio	100	Lower	Upper
105	343.8	110.5	150.5#
77	525.0	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: BP001053.D

Acq: 15 Nov 2019 21:56

Instrument :

BNA_P

ClientSampleId :

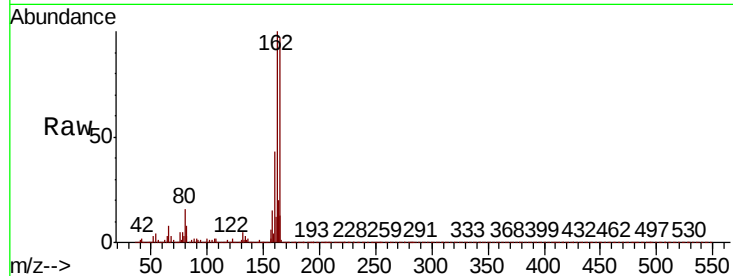
Tot Ion:164 Resp: 467712

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

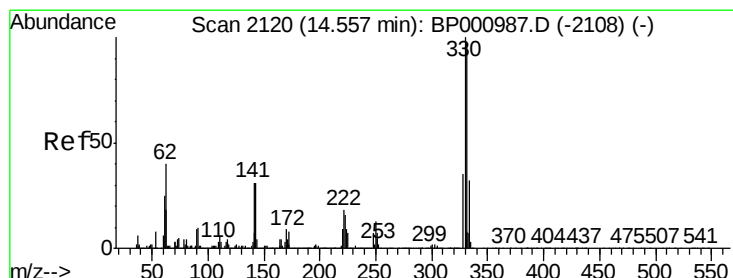
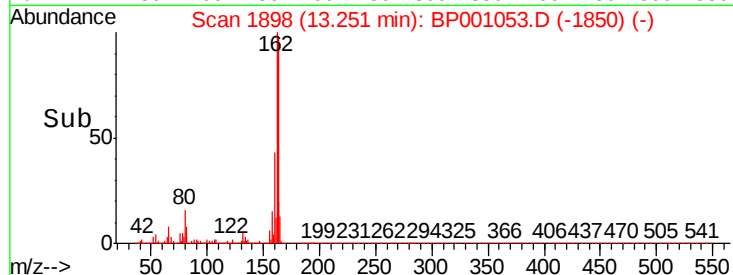
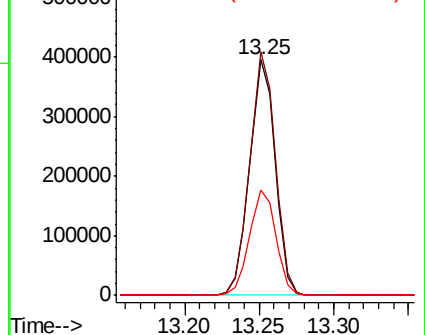
160 44.8 36.5 54.7



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: 99.092 ng

RT: 14.55 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BP001053.D

Acq: 15 Nov 2019 21:56

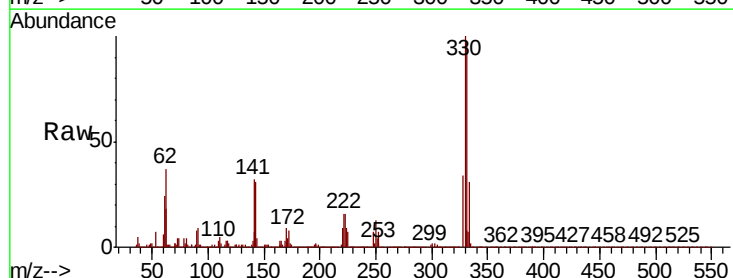
Tgt Ion:330 Resp: 553274

Ion Ratio Lower Upper

330 100

332 97.1 78.3 117.5

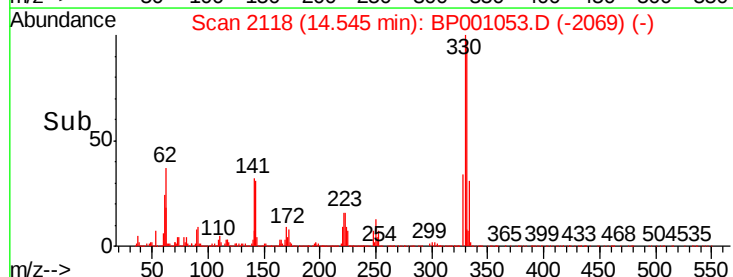
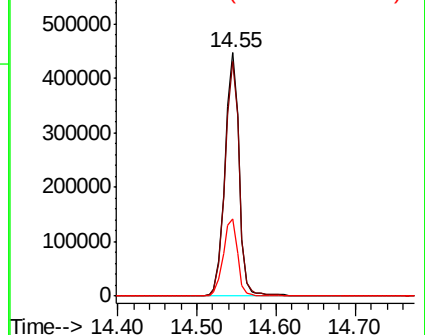
141 32.3 25.0 37.4

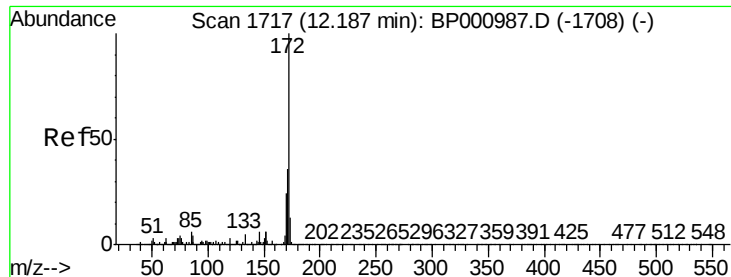


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

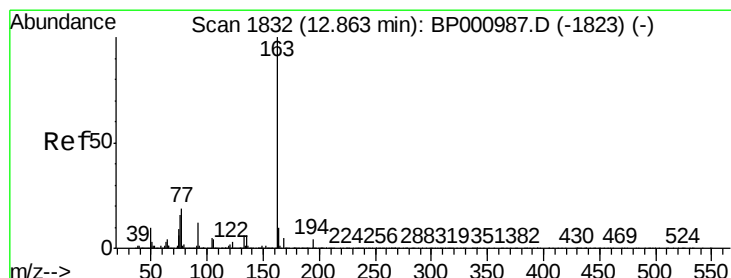
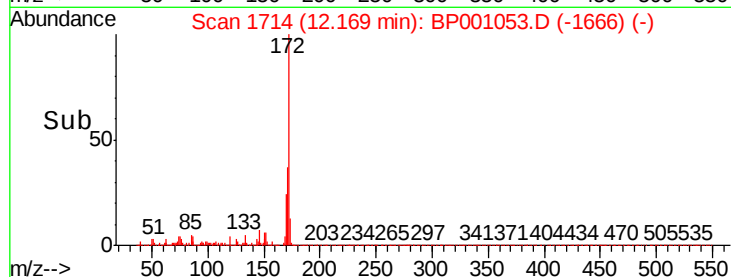
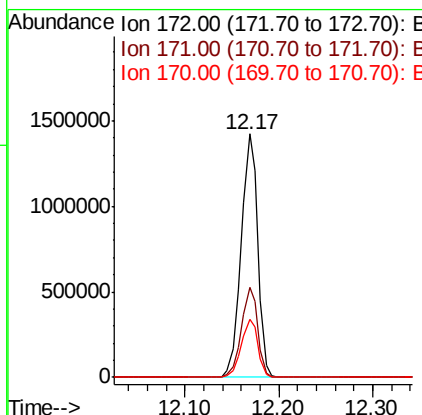
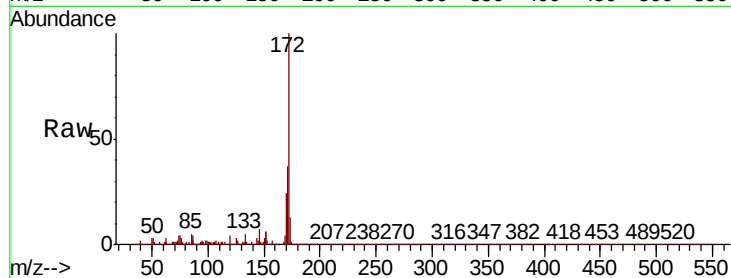




#45
2-Fluorobiphenyl
Concen: 55.832 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001053.D
Acq: 15 Nov 2019 21:56

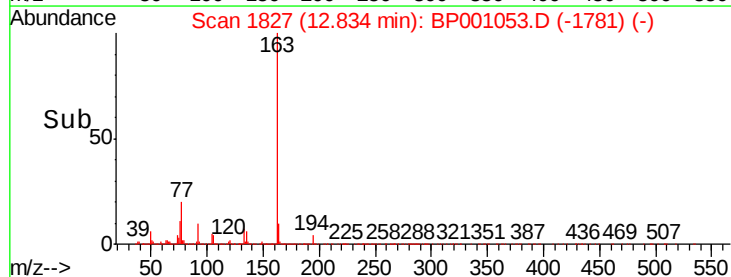
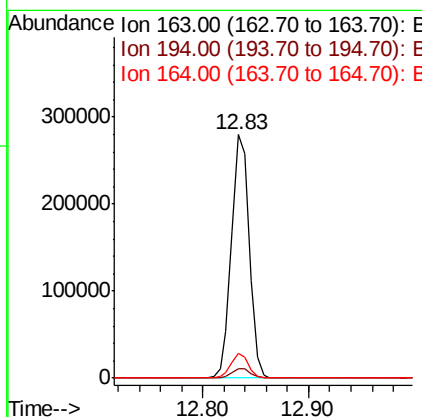
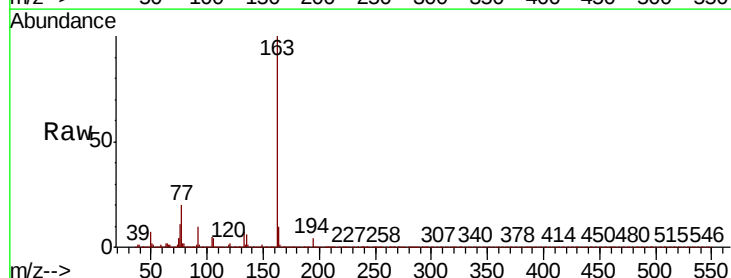
Instrument :
BNA_P
ClientSampleId :

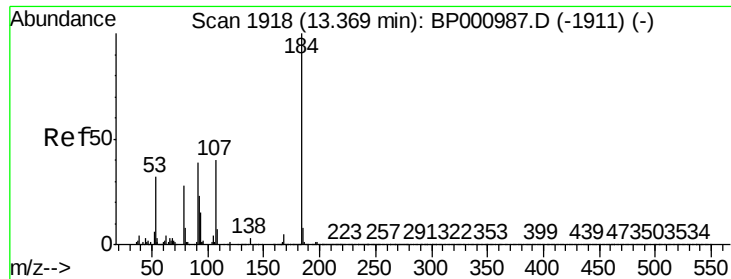
Tot Ion:172 Resp: 1733856
Ion Ratio Lower Upper
172 100
171 36.8 28.5 42.7
170 23.8 18.9 28.3



#50
Dimethylphthalate
Concen: 9.363 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001053.D
Acq: 15 Nov 2019 21:56

Tgt Ion:163 Resp: 323805
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.4 7.9 11.9

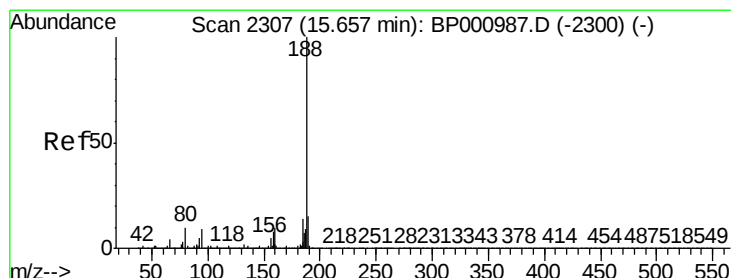
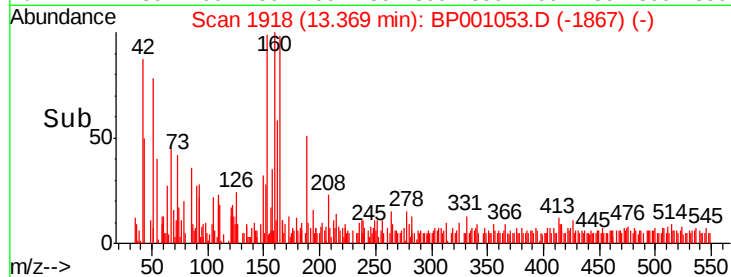
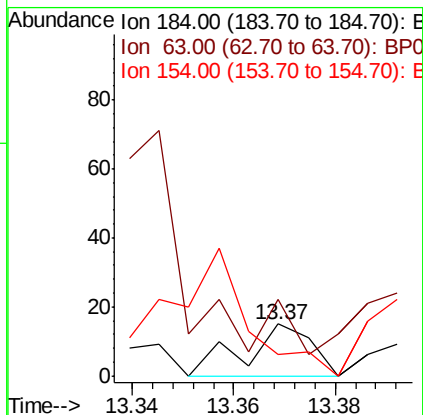
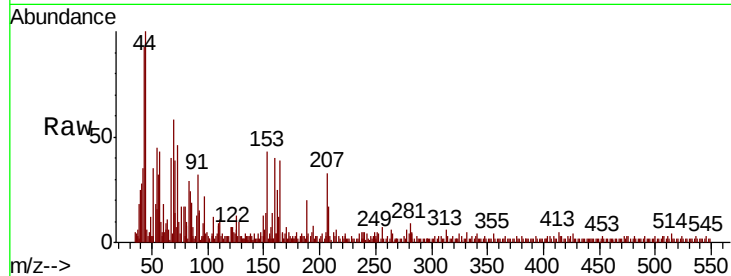




#54
2,4-Dinitrophenol
Concen: 8.314 ng
RT: 13.37 min Scan# 1918
Delta R.T. -0.00 min
Lab File: BP001053.D
Acq: 15 Nov 2019 21:56

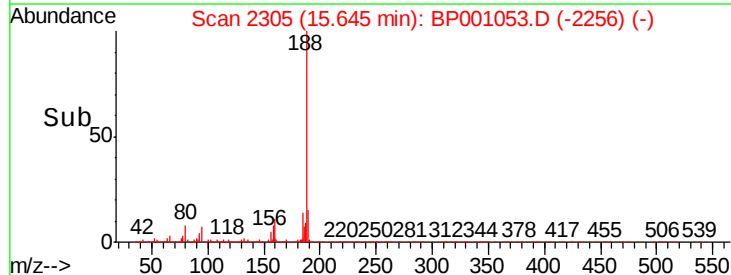
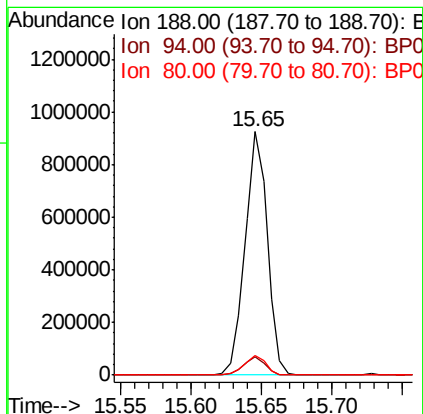
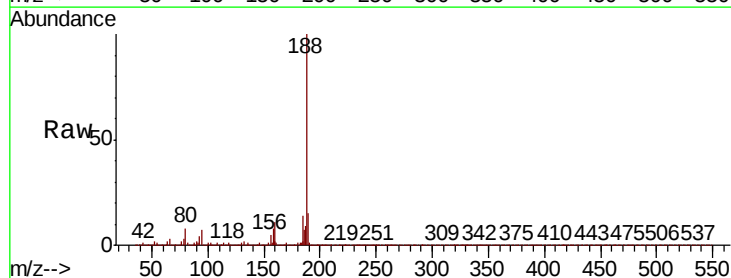
Instrument :
BNA_P
ClientSampled :

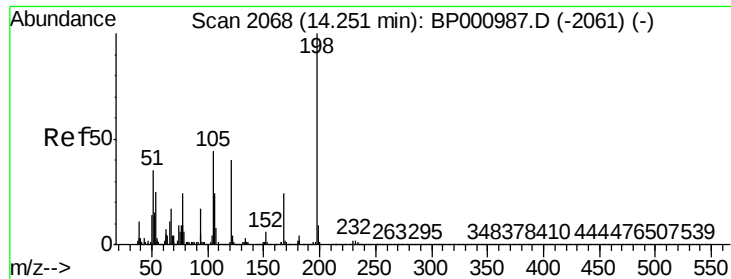
Tot Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 146.7 41.0 61.6#
154 40.0 48.1 72.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP001053.D
Acq: 15 Nov 2019 21:56

Tgt Ion:188 Resp: 1019921
Ion Ratio Lower Upper
188 100
94 7.5 7.4 11.2
80 8.1 7.9 11.9

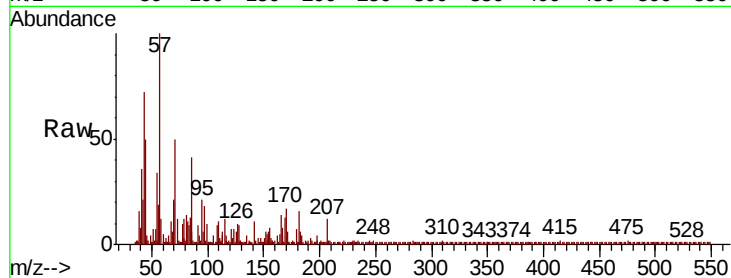




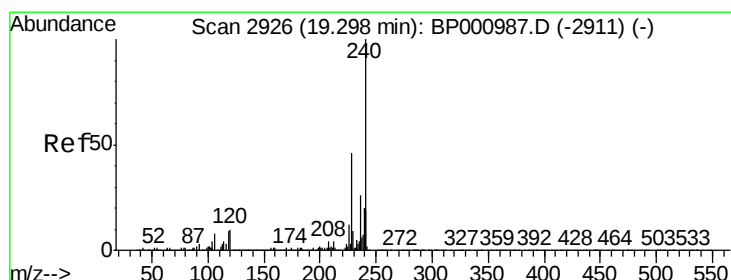
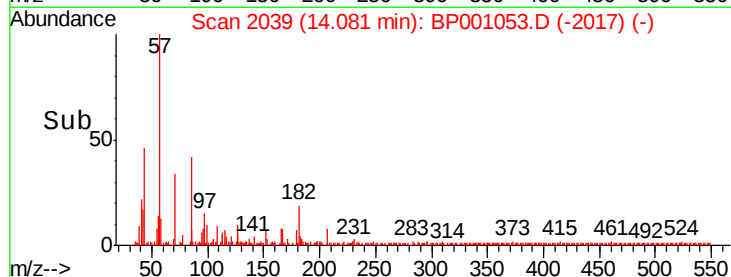
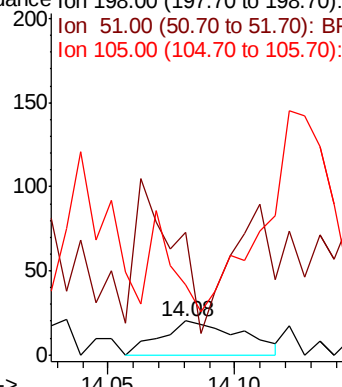
#65
4,6-Dinitro-2-methylphenol
Concen: 9.892 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.17 min
Lab File: BP001053.D
Acq: 15 Nov 2019 21:56

Instrument :
BNA_P
ClientSampleId :

Tot Ion:198 Resp: 44
Ion Ratio Lower Upper
198 100
51 365.0 16.0 56.0#
105 210.0 24.9 64.9#

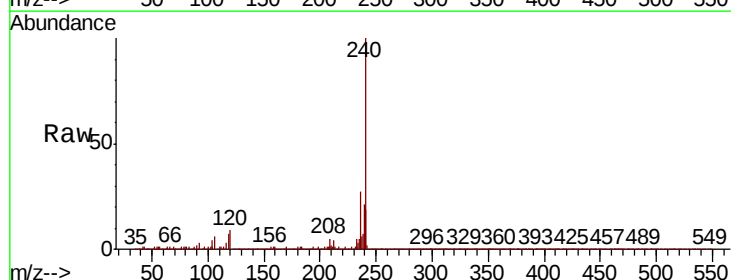


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

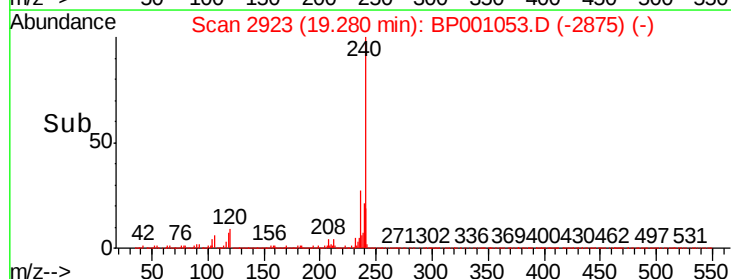
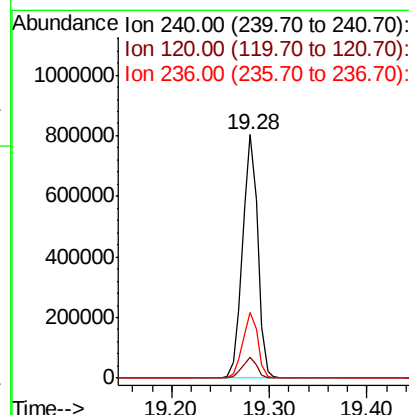


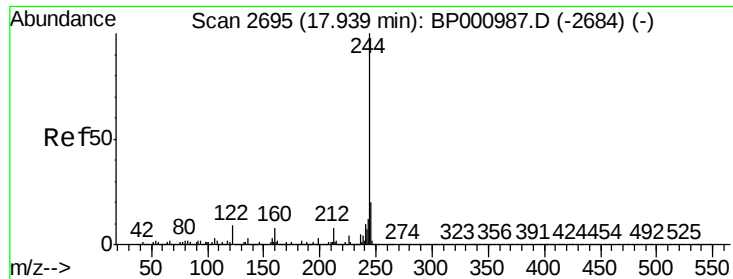
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.28 min Scan# 2923
Delta R.T. -0.02 min
Lab File: BP001053.D
Acq: 15 Nov 2019 21:56

Tgt Ion:240 Resp: 867254
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 27.1 20.5 30.7



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: 61.047 ng

RT: 17.93 min Scan# 2693

Delta R.T. -0.01 min

Lab File: BP001053.D

Acq: 15 Nov 2019 21:56

Instrument :

BNA_P

ClientSampleId :

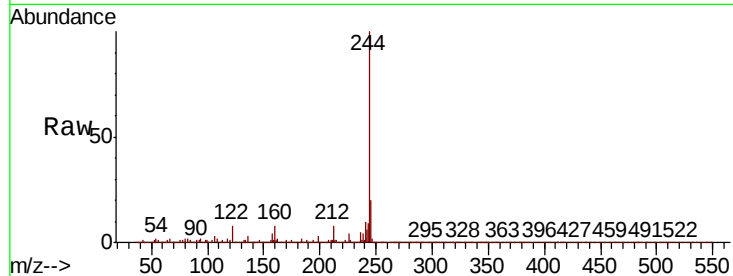
Tot Ion:244 Resp: 2661598

Ion Ratio Lower Upper

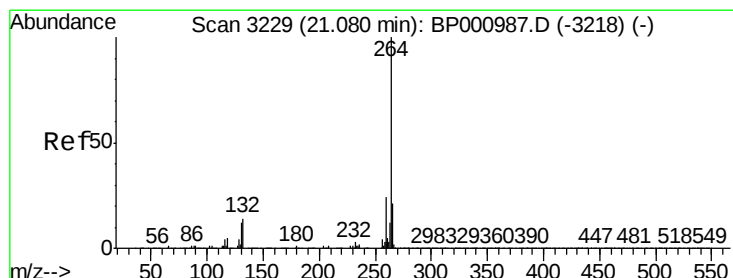
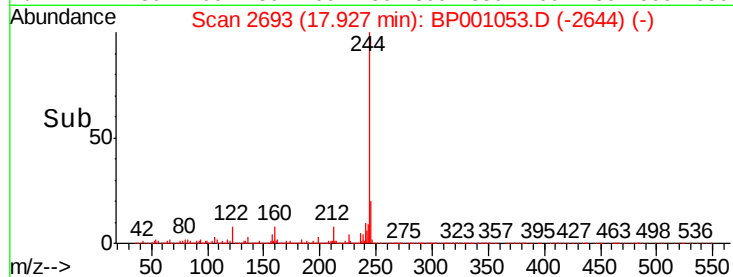
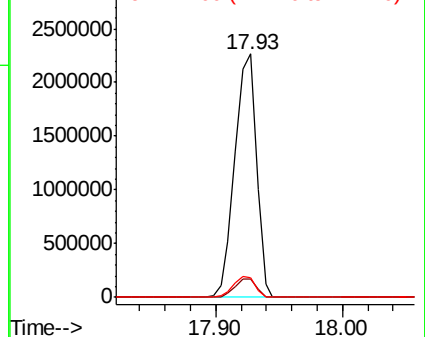
244 100

212 7.6 6.0 9.0

122 8.1 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



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3226

Delta R.T. -0.02 min

Lab File: BP001053.D

Acq: 15 Nov 2019 21:56

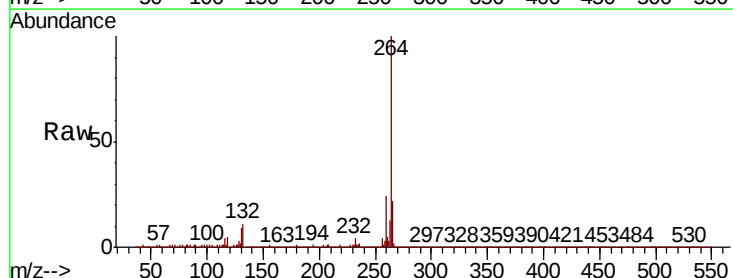
Tgt Ion:264 Resp: 881553

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 22.1 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

