

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001050.D
 Acq On : 15 Nov 2019 20:26
 Operator : JU
 Sample : K5832-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 16 03:30:33 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

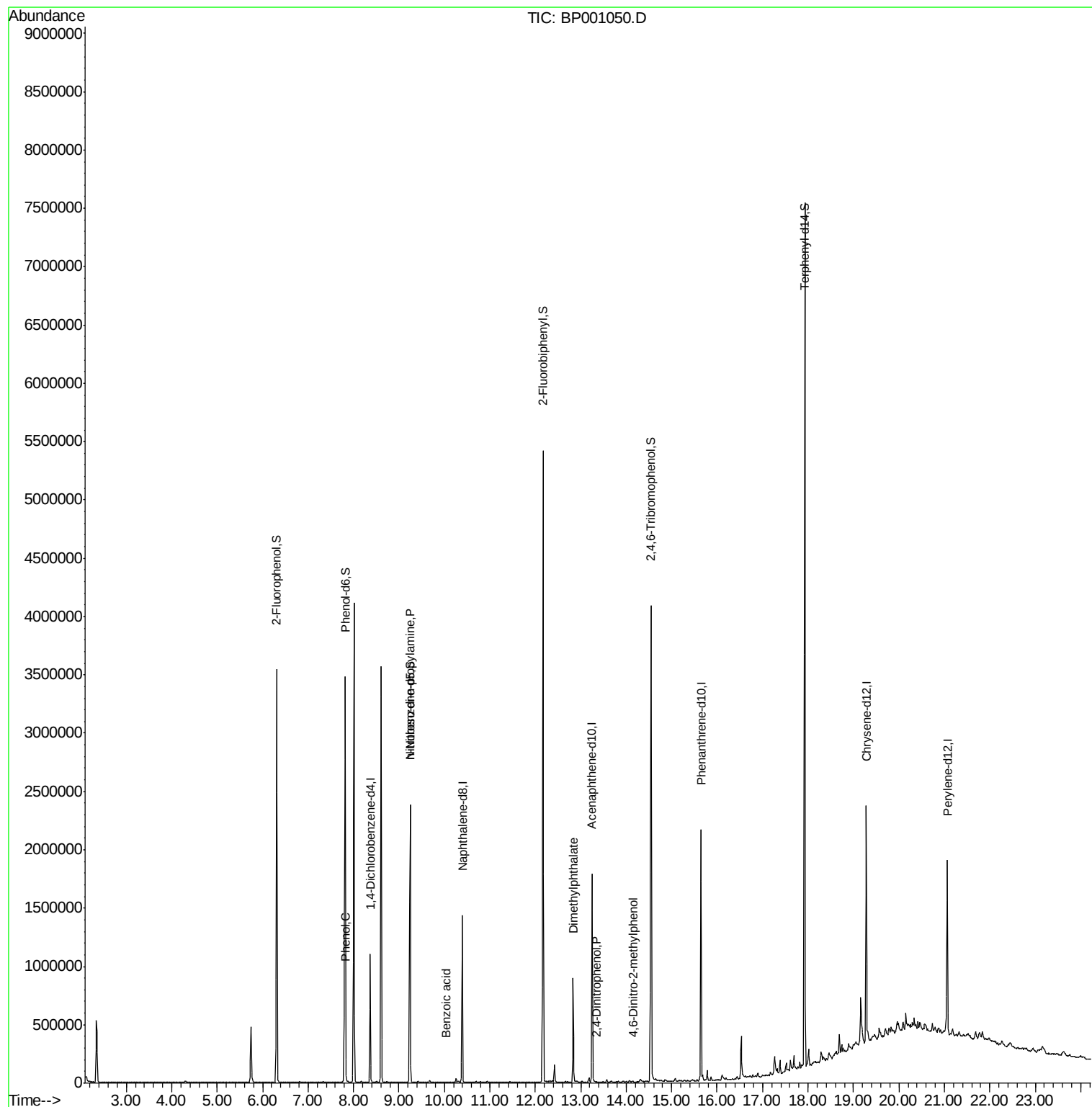
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	218912	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	809060	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	488483	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	1011624	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	777392	20.00	ng	-0.02
87) Perylene-d12	21.06	264	810269	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1301386	108.21	ng	0.01
7) Phenol-d6	7.82	99	1700480	111.81	ng	0.00
23) Nitrobenzene-d5	9.25	82	1077168	73.65	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	757931	129.97	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	2337027	72.06	ng	-0.02
79) Terphenyl-d14	17.93	244	3064828	78.42	ng	-0.01
Target Compounds						
10) Phenol	7.83	94	55849	3.357	ng	94
19) n-Nitroso-di-n-propylamine	9.25	70	147155	16.114	ng	# 78
32) Benzoic acid	10.03	122	94	7.681	ng	# 42
50) Dimethylphthalate	12.83	163	483066	13.374	ng	99
54) 2,4-Dinitrophenol	13.36	184	26	8.318	ng	# 1
65) 4,6-Dinitro-2-methylphenol	14.14	198	40	9.892	ng	# 1

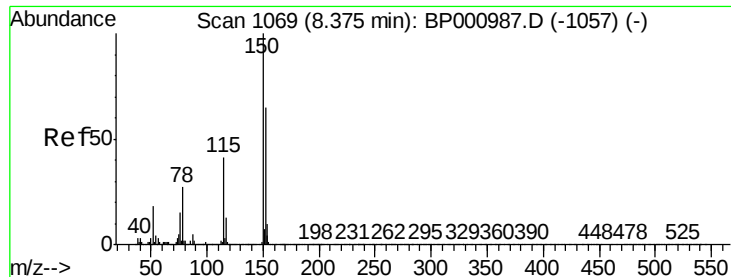
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001050.D

Acq: 15 Nov 2019 20:26

Instrument :

BNA_P

ClientSampleId :

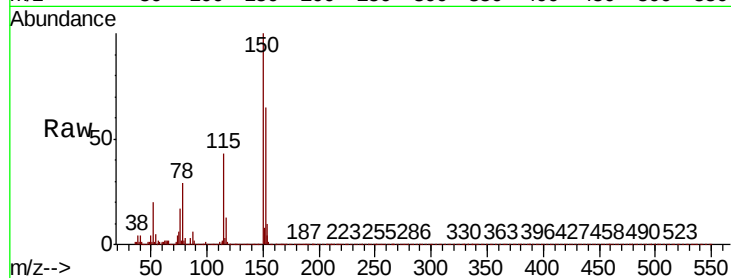
Tot Ion:152 Resp: 218912

Ion Ratio Lower Upper

152 100

150 153.6 123.6 185.4

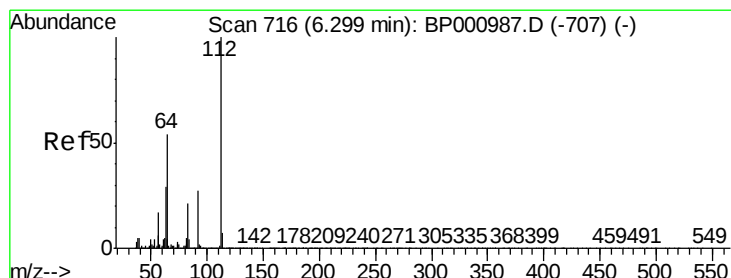
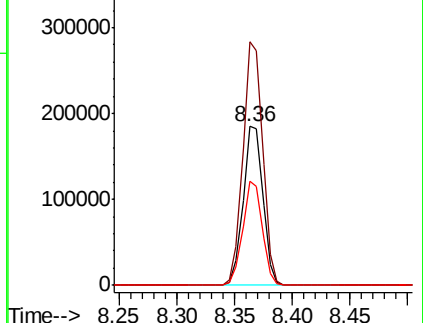
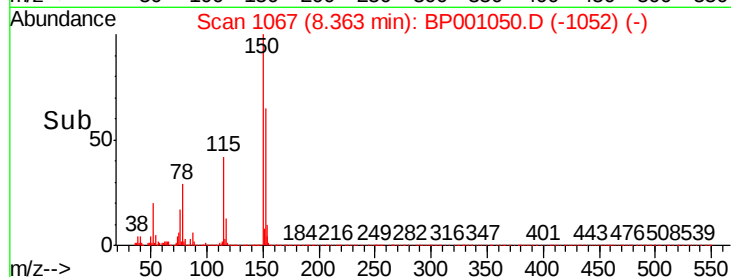
115 65.3 50.1 75.1



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: 108.206 ng

RT: 6.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BP001050.D

Acq: 15 Nov 2019 20:26

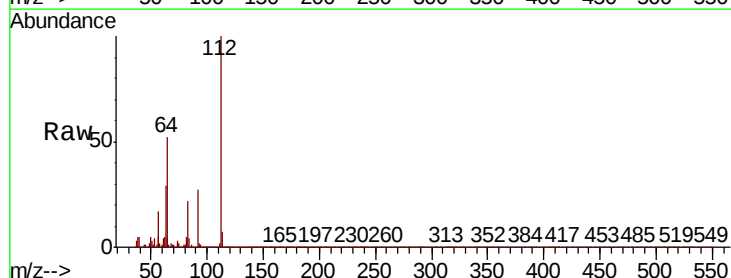
Tgt Ion:112 Resp: 1301386

Ion Ratio Lower Upper

112 100

64 51.9 43.4 65.0

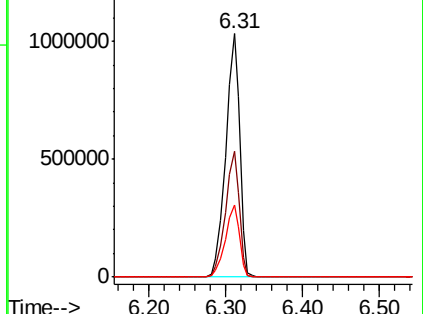
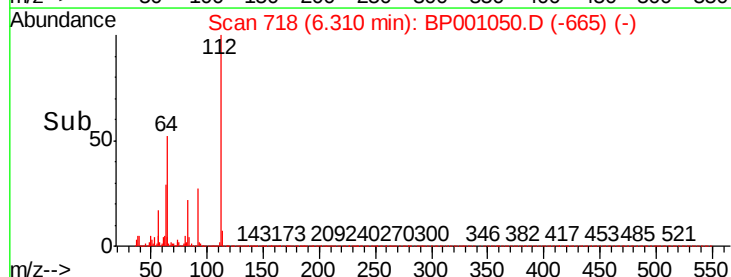
63 29.4 23.4 35.0

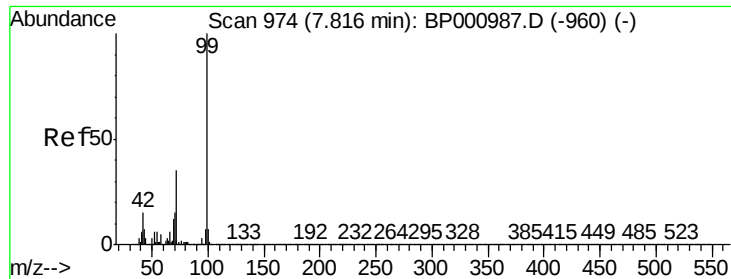


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 111.809 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001050.D

Acq: 15 Nov 2019 20:26

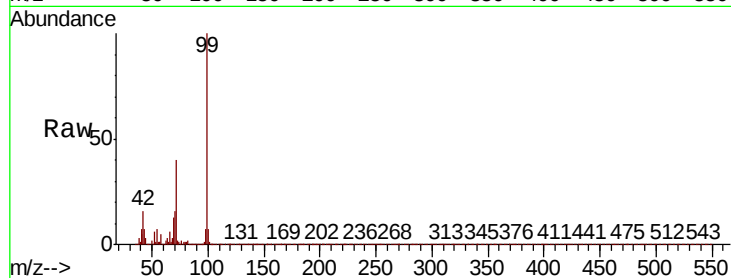
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1700480

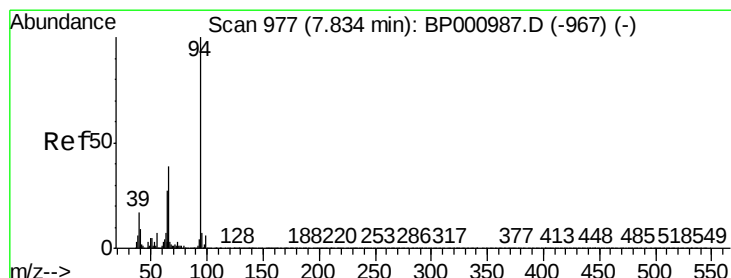
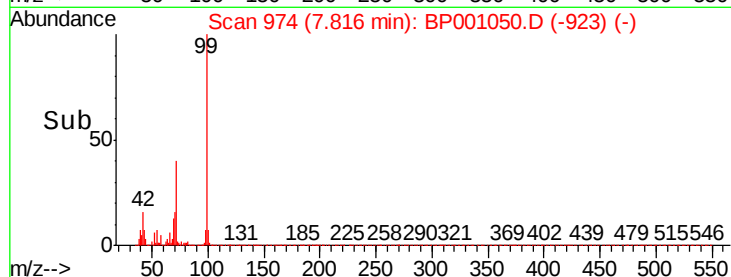
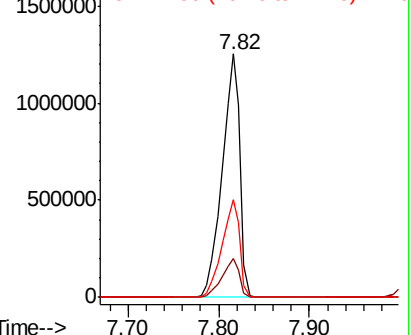
Ion	Ratio	Lower	Upper
99	100		
42	15.9	11.6	17.4
71	40.2	28.0	42.0



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: 3.357 ng

RT: 7.83 min Scan# 977

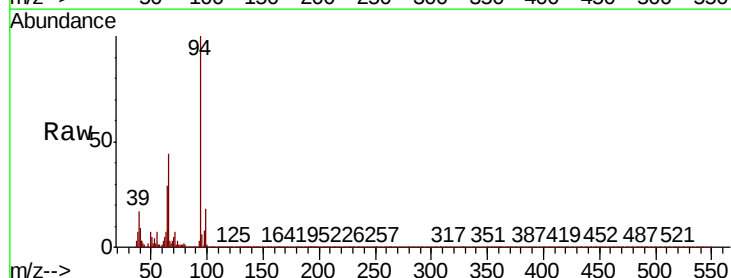
Delta R.T. -0.00 min

Lab File: BP001050.D

Acq: 15 Nov 2019 20:26

Tgt Ion: 94 Resp: 55849

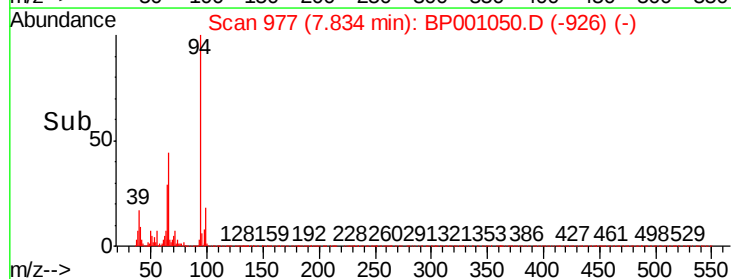
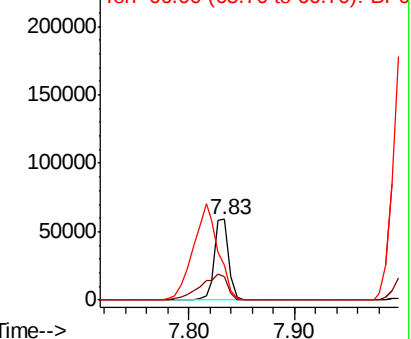
Ion	Ratio	Lower	Upper
94	100		
65	28.8	6.7	46.7
66	43.5	18.6	58.6

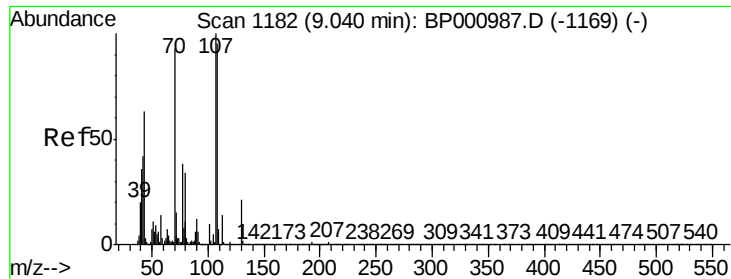


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

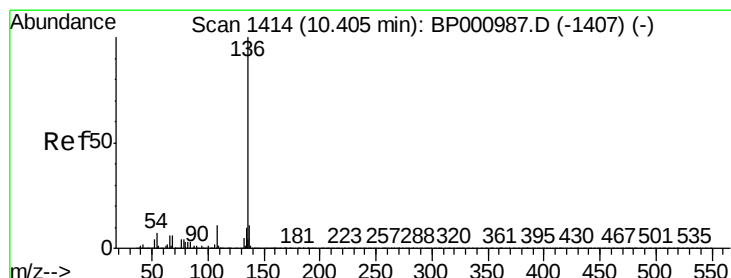
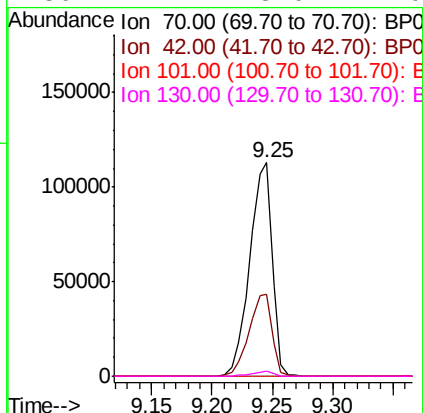
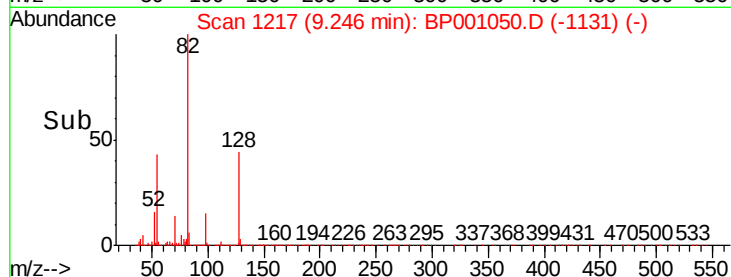
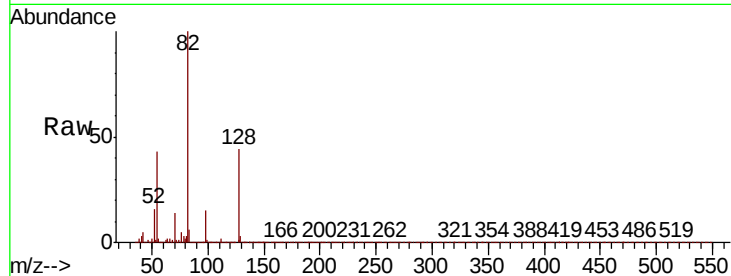




#19
n-Nitroso-di-n-propylamine
Concen: 16.114 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.21 min
Lab File: BP001050.D
Acq: 15 Nov 2019 20:26

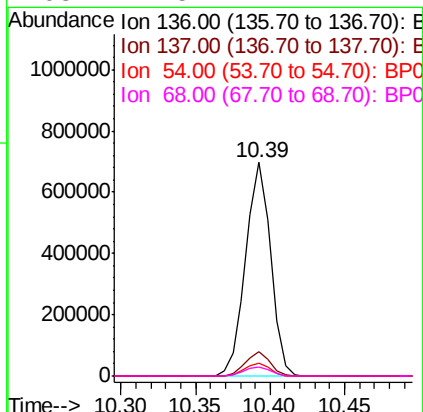
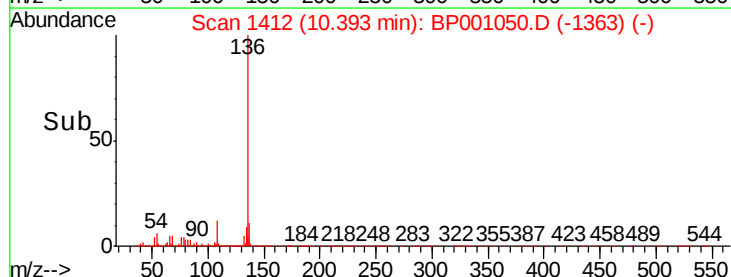
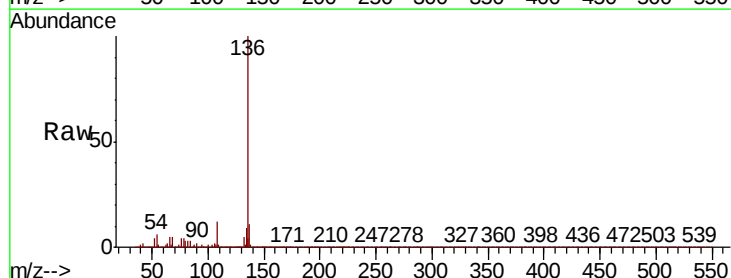
Instrument :
BNA_P
ClientSampleId :

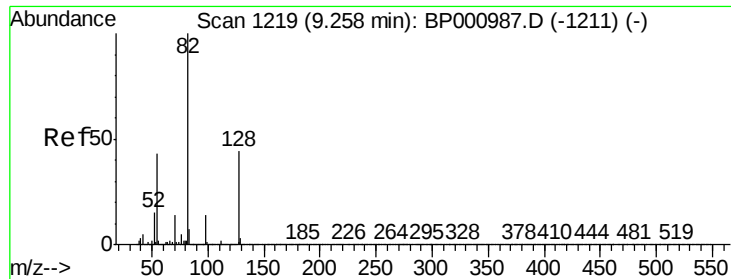
Tot Ion: 70 Resp: 147155
Ion Ratio Lower Upper
70 100
42 38.1 36.3 54.5
101 0.0 8.7 13.1#
130 2.1 18.0 27.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001050.D
Acq: 15 Nov 2019 20:26

Tgt Ion: 136 Resp: 809060
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 6.1 5.4 8.2
68 4.5 4.7 7.1#

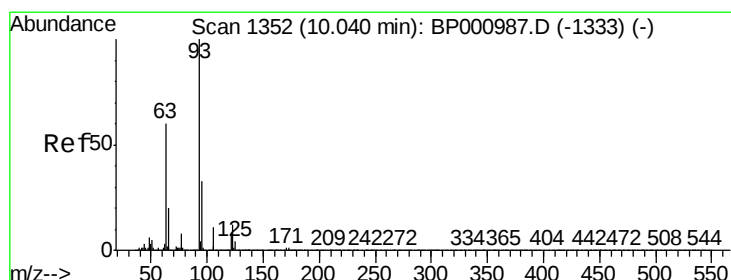
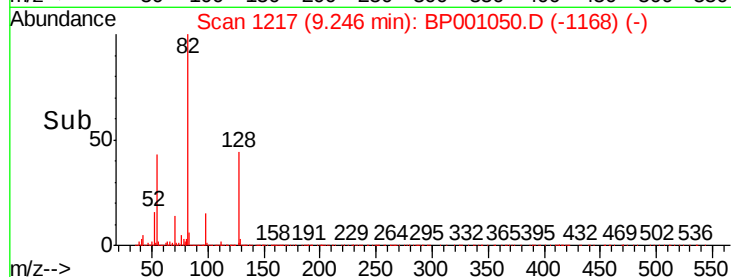
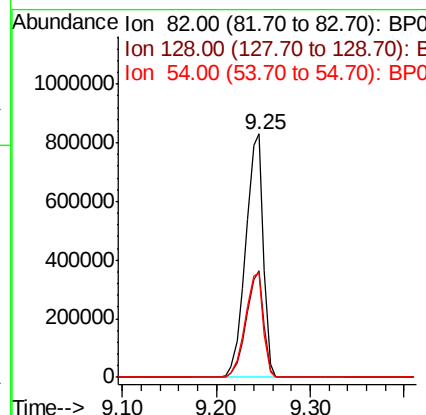
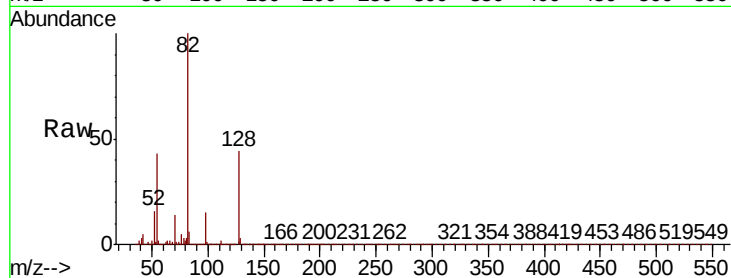




#23
Nitrobenzene-d5
Concen: 73.648 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001050.D
Acq: 15 Nov 2019 20:26

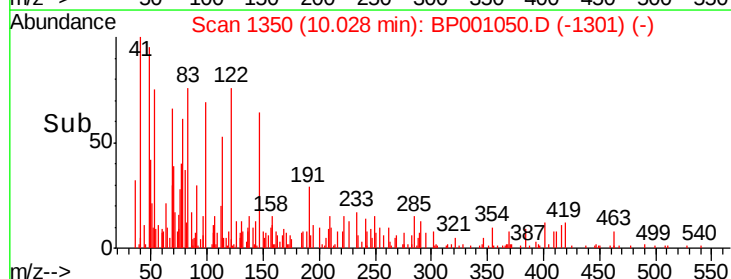
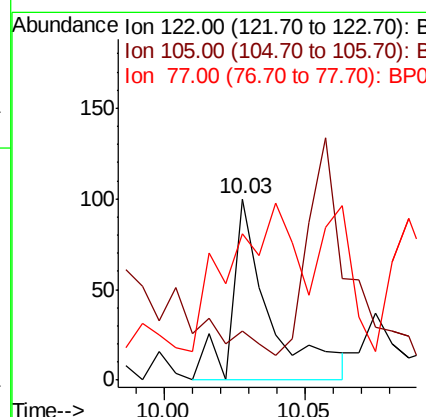
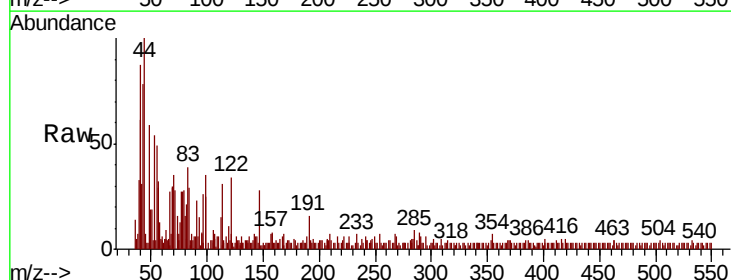
Instrument :
BNA_P
ClientSampled :

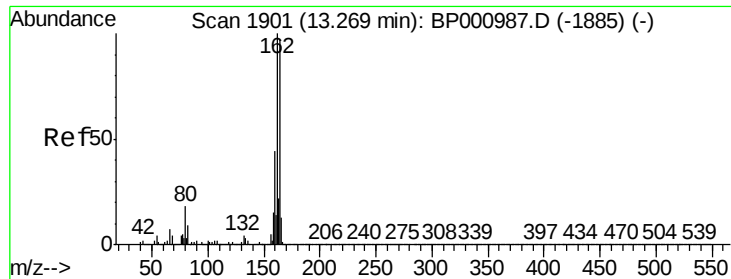
Tot Ion: 82 Resp: 1077168
Ion Ratio Lower Upper
82 100
128 44.0 35.3 52.9
54 42.7 34.3 51.5



#32
Benzoic acid
Concen: 7.681 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BP001050.D
Acq: 15 Nov 2019 20:26

Tgt Ion: 122 Resp: 94
Ion Ratio Lower Upper
122 100
105 27.0 110.5 150.5#
77 81.0 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: BP001050.D

Acq: 15 Nov 2019 20:26

Instrument :

BNA_P

ClientSampleId :

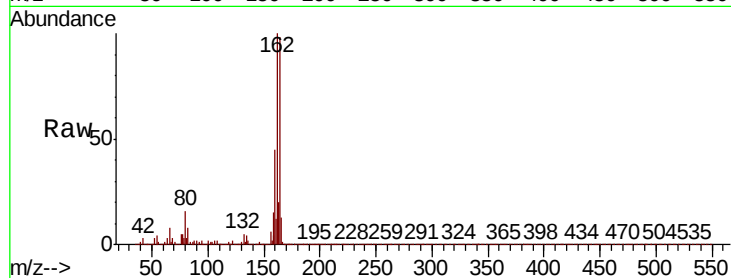
Tot Ion:164 Resp: 488483

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

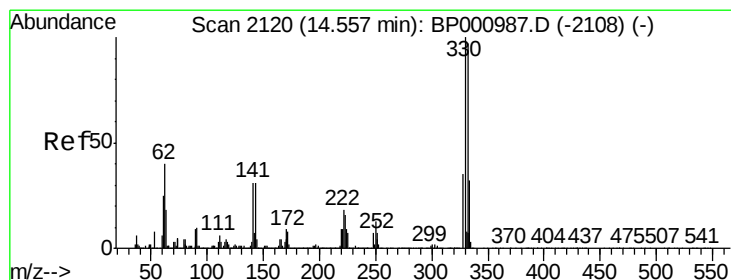
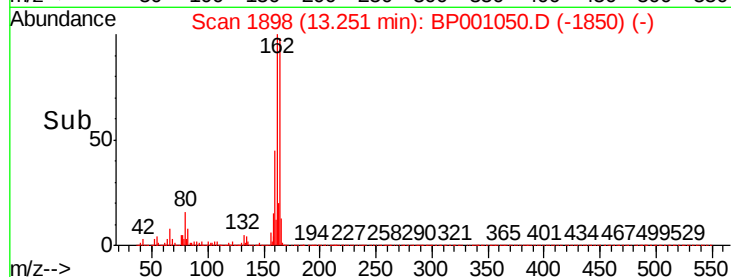
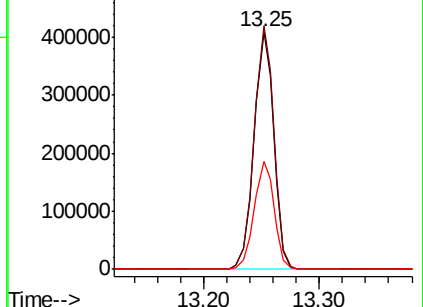
160 45.6 36.5 54.7



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: 129.975 ng

RT: 14.55 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BP001050.D

Acq: 15 Nov 2019 20:26

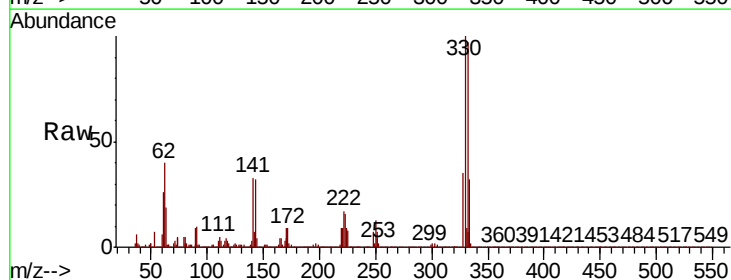
Tgt Ion:330 Resp: 757931

Ion Ratio Lower Upper

330 100

332 98.0 78.3 117.5

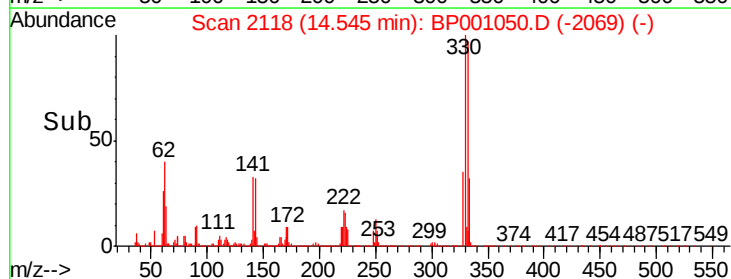
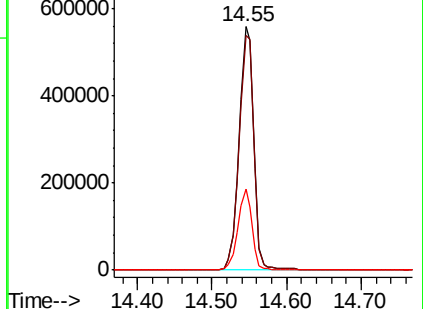
141 32.6 25.0 37.4

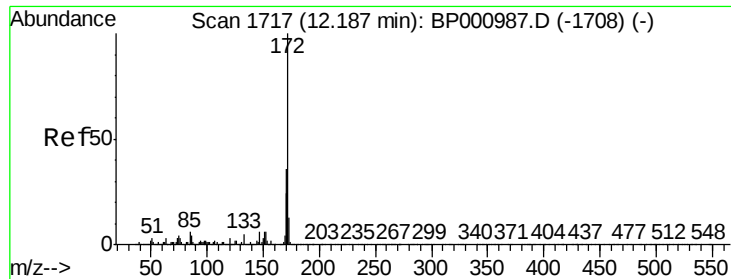


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

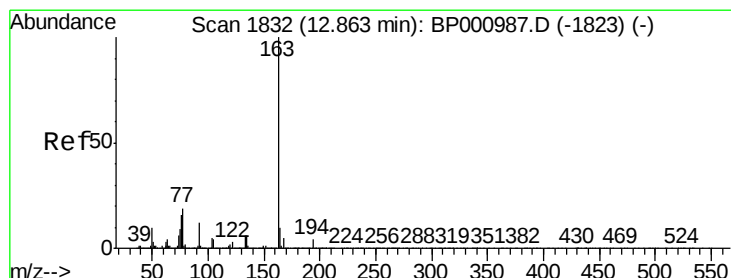
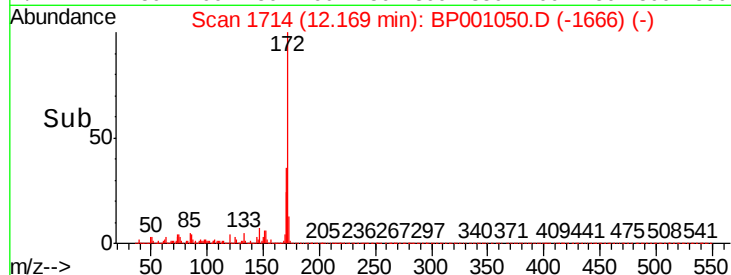
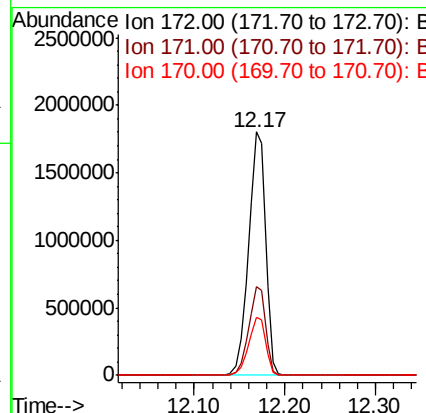
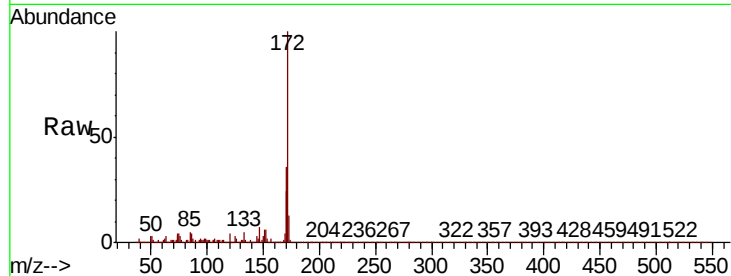




#45
2-Fluorobiphenyl
Concen: 72.055 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001050.D
Acq: 15 Nov 2019 20:26

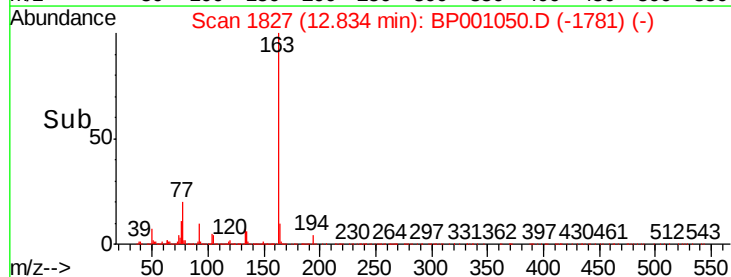
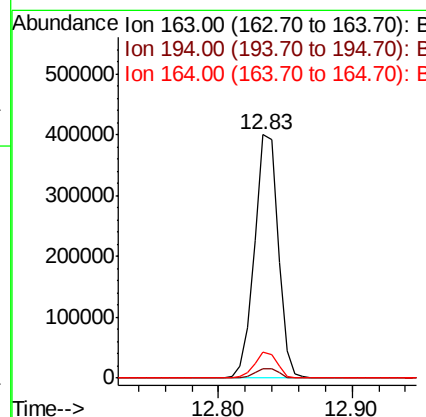
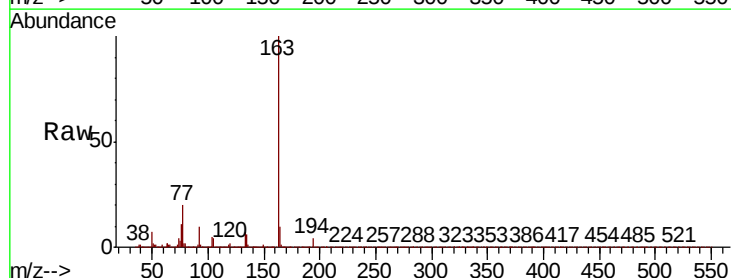
Instrument :
BNA_P
ClientSampled :

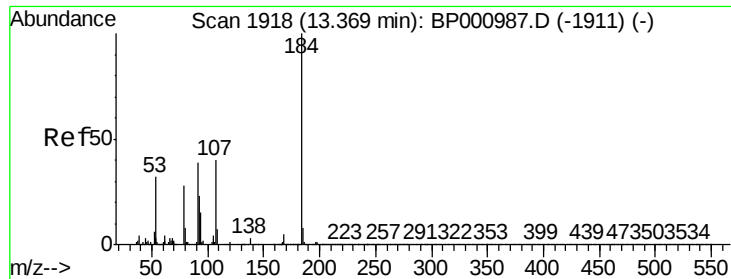
Tot Ion:172 Resp: 2337027
Ion Ratio Lower Upper
172 100
171 36.5 28.5 42.7
170 23.8 18.9 28.3



#50
Dimethylphthalate
Concen: 13.374 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001050.D
Acq: 15 Nov 2019 20:26

Tgt Ion:163 Resp: 483066
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.4 7.9 11.9

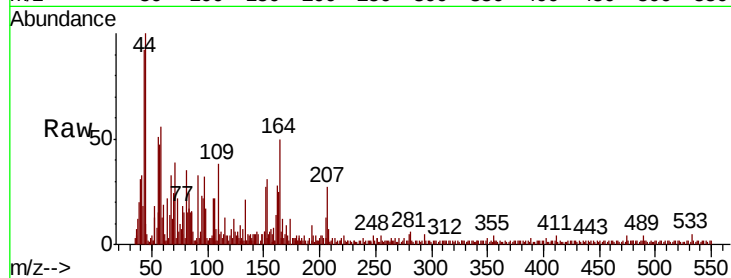




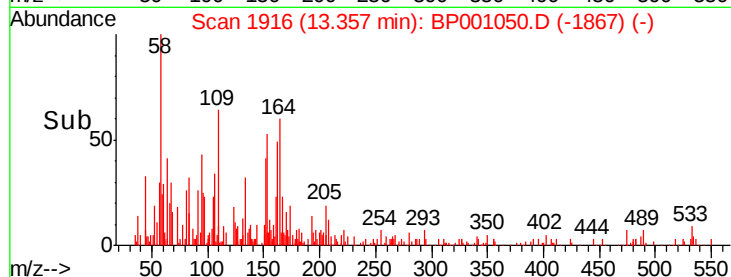
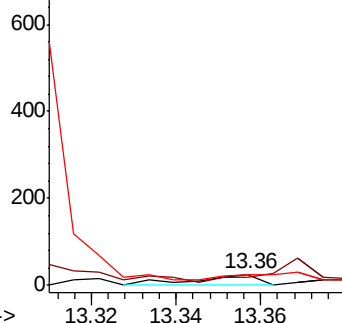
#54
2,4-Dinitrophenol
Concen: 8.318 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BP001050.D
Acq: 15 Nov 2019 20:26

Instrument :
BNA_P
ClientSampleId :

Tot Ion:184 Resp: 26
Ion Ratio Lower Upper
184 100
63 76.0 41.0 61.6#
154 220.0 48.1 72.1#

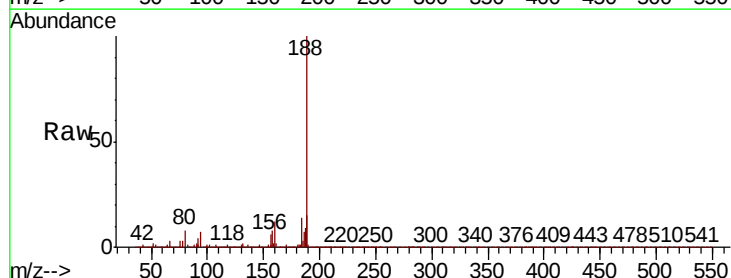
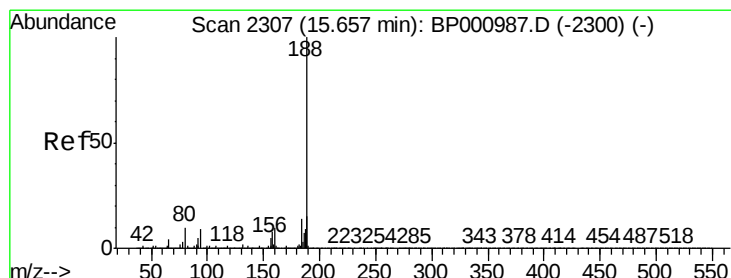


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

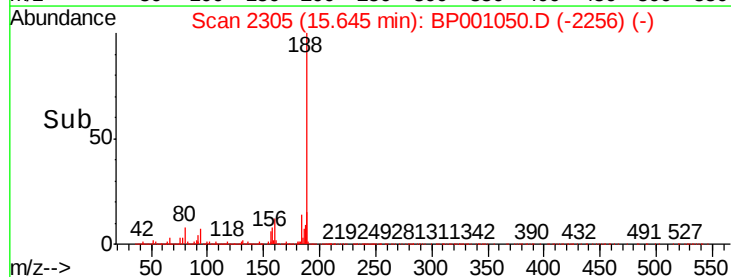
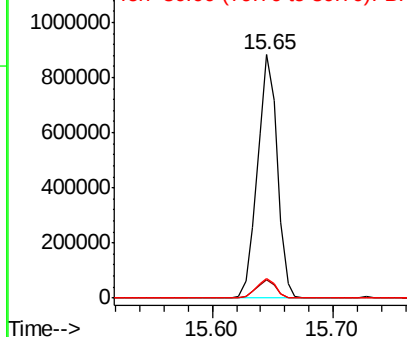


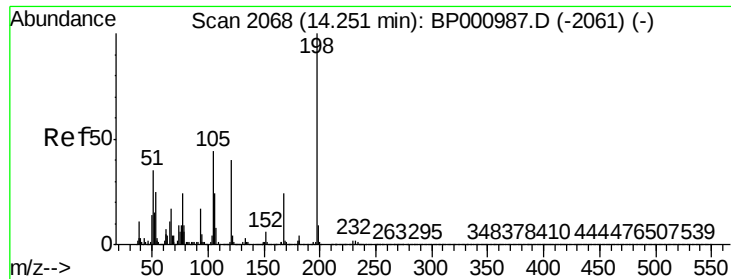
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BP001050.D
Acq: 15 Nov 2019 20:26

Tgt Ion:188 Resp: 1011624
Ion Ratio Lower Upper
188 100
94 7.4 7.4 11.2#
80 8.2 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: 9.892 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.11 min

Lab File: BP001050.D

Acq: 15 Nov 2019 20:26

Instrument :

BNA_P

ClientSampleId :

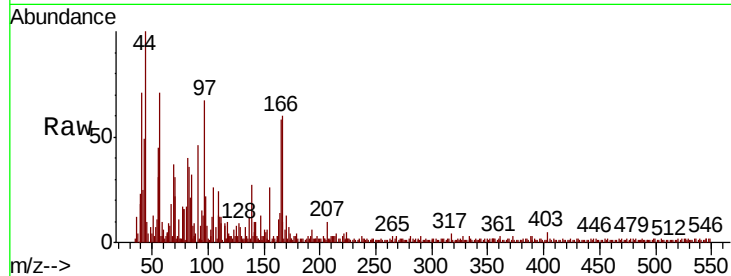
Tot Ion:198 Resp: 40

Ion Ratio Lower Upper

198 100

51 222.9 16.0 56.0#

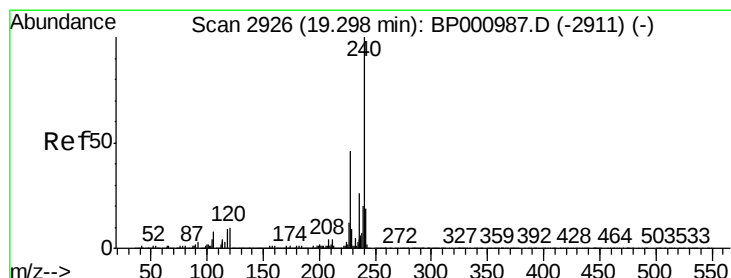
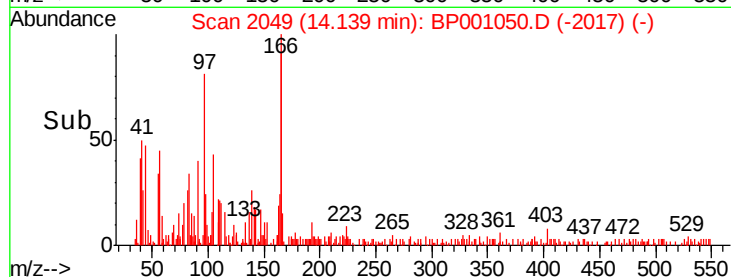
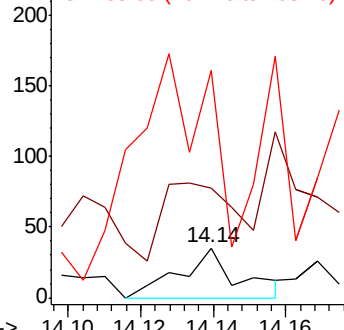
105 460.0 24.9 64.9#



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: BP001050.D

Acq: 15 Nov 2019 20:26

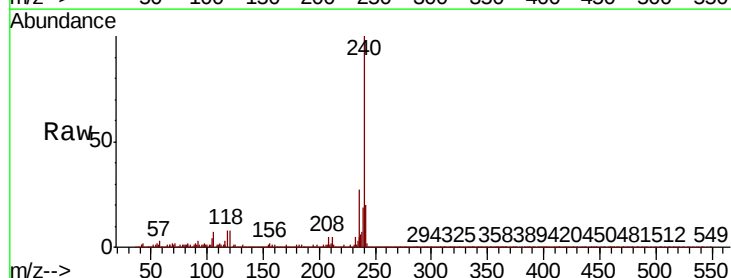
Tgt Ion:240 Resp: 777392

Ion Ratio Lower Upper

240 100

120 8.3 8.2 12.2

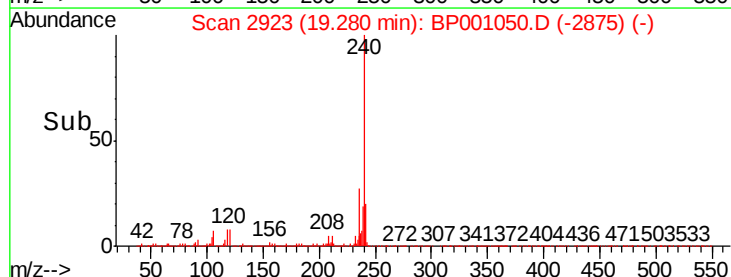
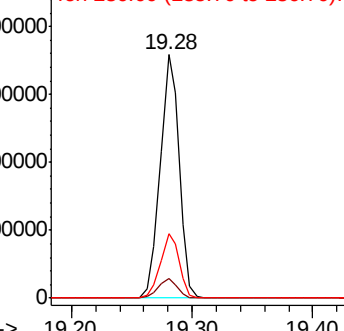
236 26.7 20.5 30.7

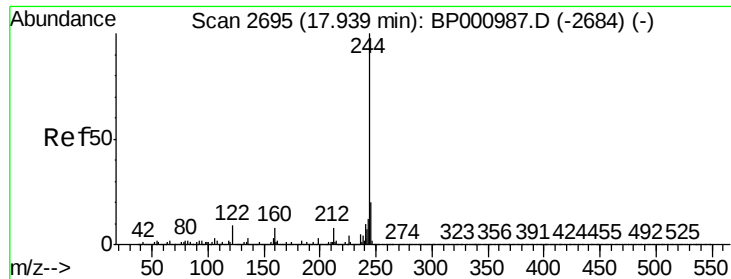


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.421 ng

RT: 17.93 min Scan# 2693

Delta R.T. -0.01 min

Lab File: BP001050.D

Acq: 15 Nov 2019 20:26

Instrument :

BNA_P

ClientSampleId :

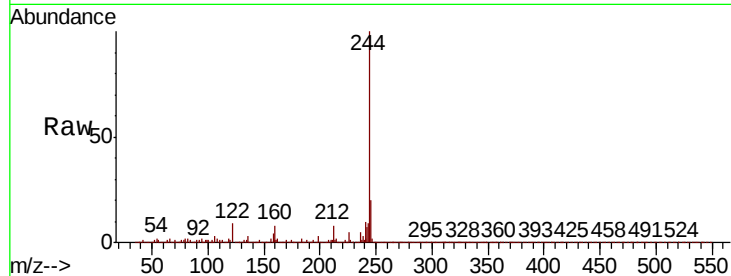
Tot Ion:244 Resp: 3064828

Ion Ratio Lower Upper

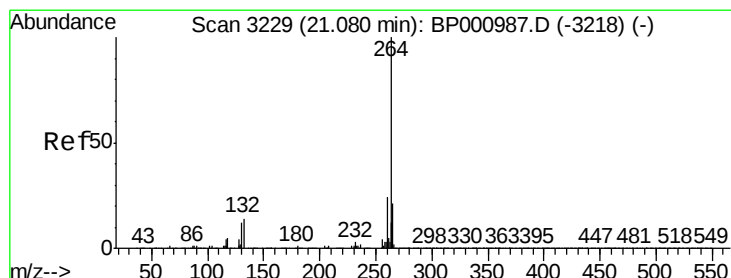
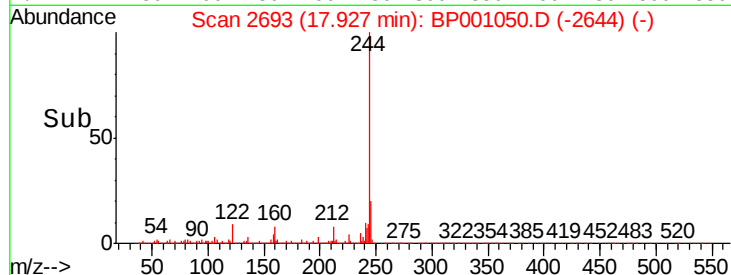
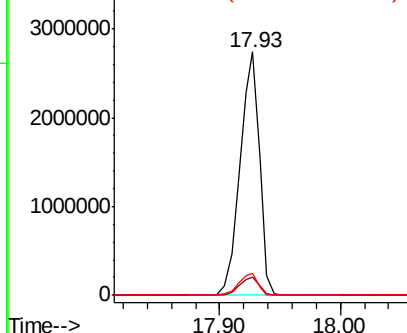
244 100

212 7.7 6.0 9.0

122 8.9 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: BP001050.D

Acq: 15 Nov 2019 20:26

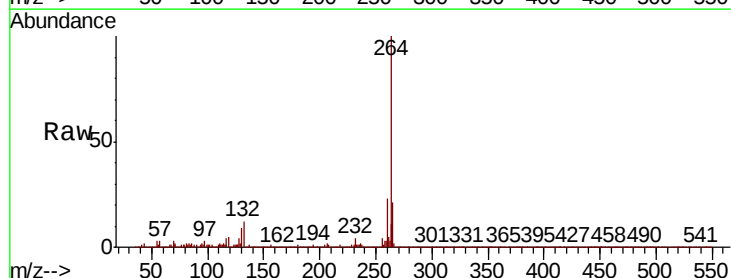
Tgt Ion:264 Resp: 810269

Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 20.9 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

