

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001099.D
 Acq On : 28 Nov 2019 00:36
 Operator : JU
 Sample : K6008-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 28 03:02:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

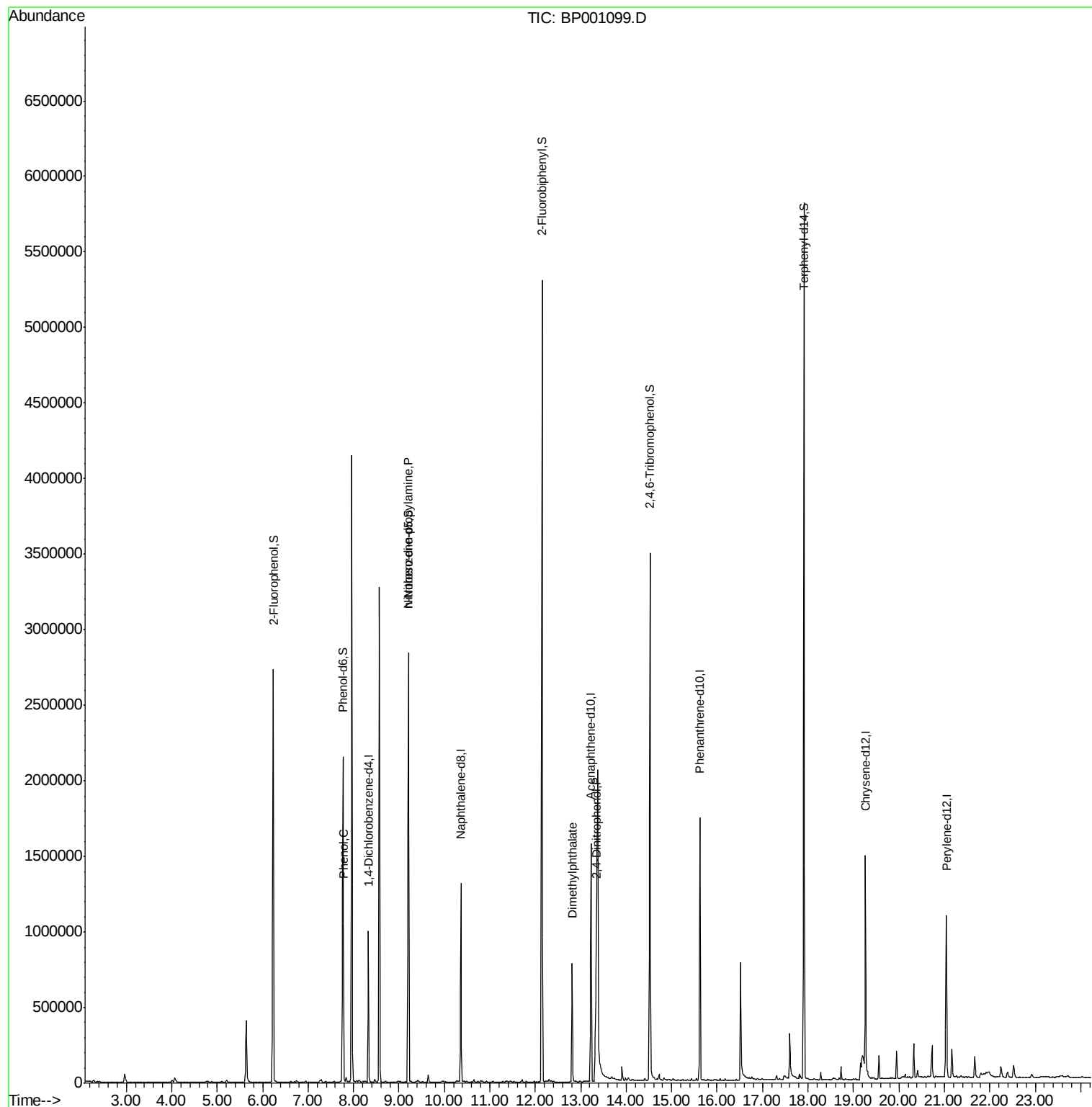
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	179955	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	703132	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	415779	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	786841	20.00	ng	0.00
76) Chrysene-d12	19.26	240	536425	20.00	ng	-0.01
87) Perylene-d12	21.05	264	548828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	945657	87.18	ng	0.00
7) Phenol-d6	7.77	99	882945	61.10	ng	0.00
23) Nitrobenzene-d5	9.21	82	1252899	77.31	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	493470	123.82	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	2101552	73.98	ng	0.00
79) Terphenyl-d14	17.91	244	2404400	82.93	ng	0.00
Target Compounds						
9) Benzaldehyde	7.62	77	346	Below Cal		Qvalue
10) Phenol	7.78	94	45566	2.772	ng	# 43
19) n-Nitroso-di-n-propylamine	9.21	70	170621	16.363	ng	# 80
50) Dimethylphthalate	12.81	163	370142	11.903	ng	100
54) 2,4-Dinitrophenol	13.34	184	101	7.143	ng	# 1

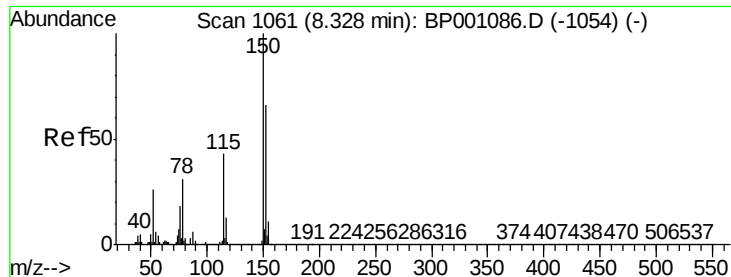
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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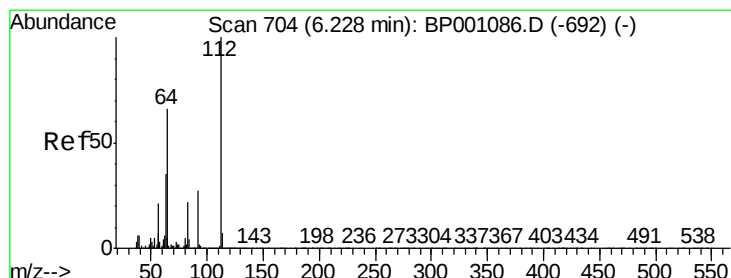
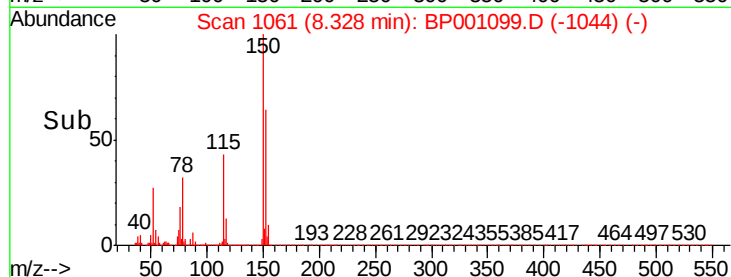
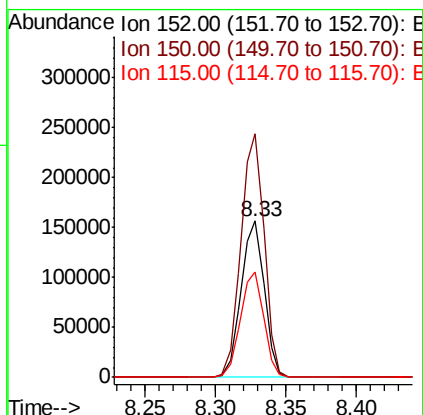
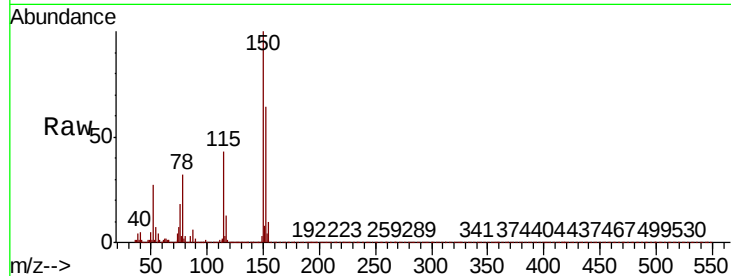




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BP001099.D
 Acq: 28 Nov 2019 00:36

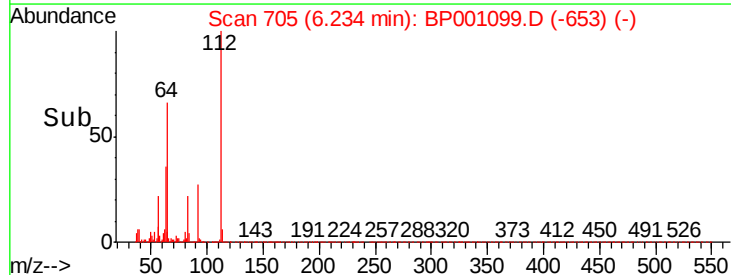
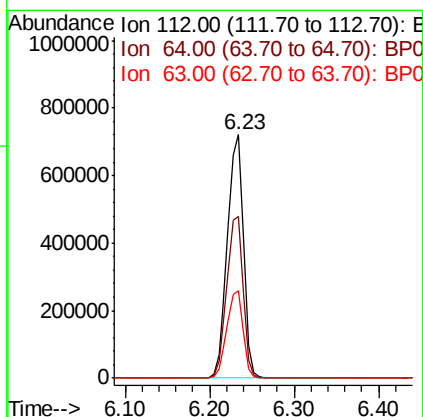
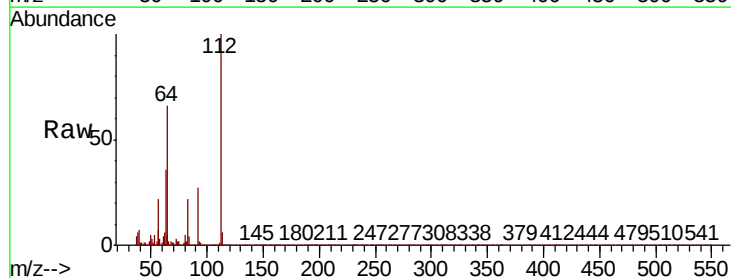
Instrument :
 BNA_P
 ClientSampleId :

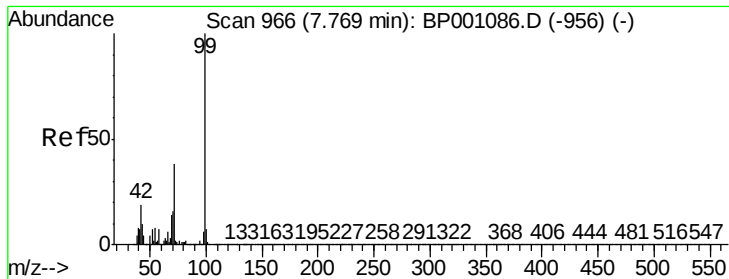
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	120.6	181.0
115	67.3	51.6	77.4



#5
 2-Fluorophenol
 Concen: 87.184 ng
 RT: 6.23 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BP001099.D
 Acq: 28 Nov 2019 00:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	52.8	79.2
63	36.2	28.2	42.2





#7

Phenol-d6

Concen: 61.102 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001099.D

Acq: 28 Nov 2019 00:36

Instrument :

BNA_P

ClientSampled :

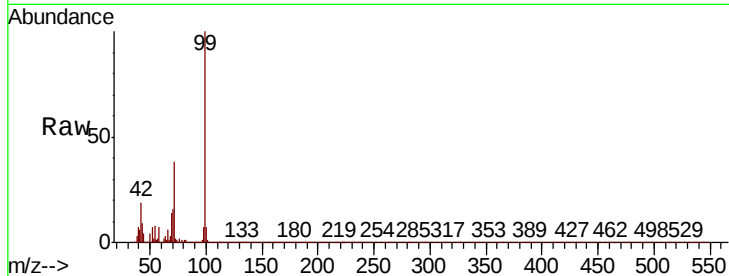
Tot Ion: 99 Resp: 882945

Ion Ratio Lower Upper

99 100

42 18.8 15.4 23.0

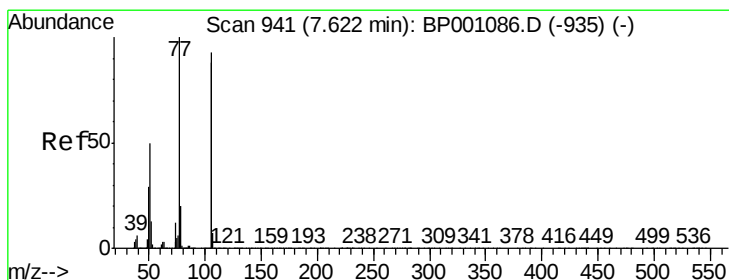
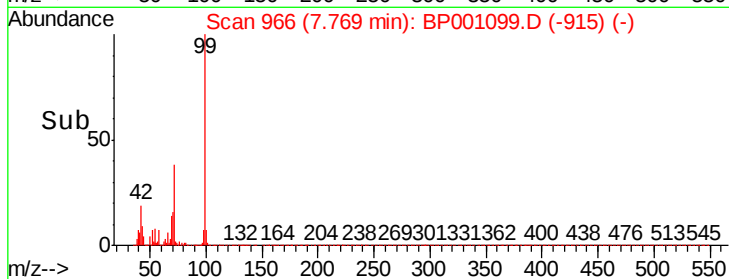
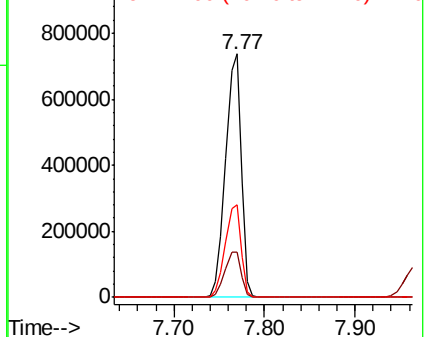
71 37.9 30.8 46.2



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



#9

Benzaldehyde

Concen: Below Cal

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BP001099.D

Acq: 28 Nov 2019 00:36

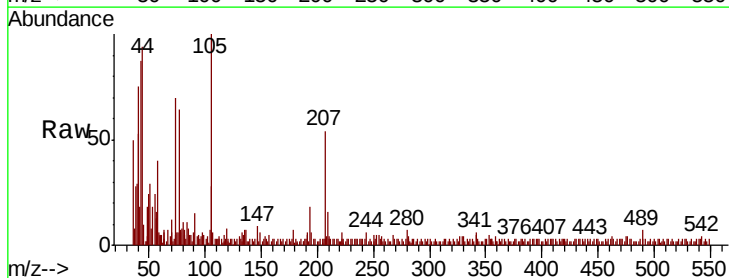
Tgt Ion: 77 Resp: 346

Ion Ratio Lower Upper

77 100

105 155.5 72.5 112.5#

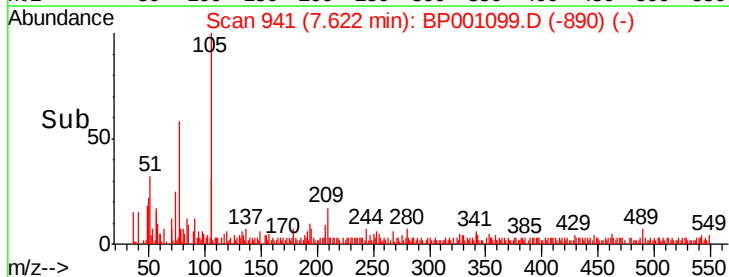
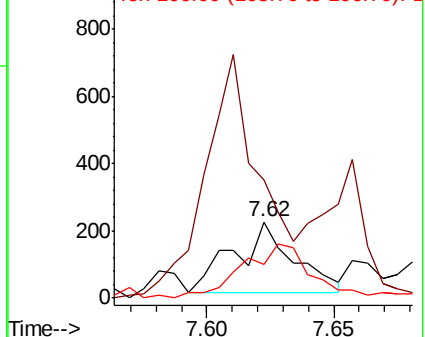
106 44.1 67.6 107.6#

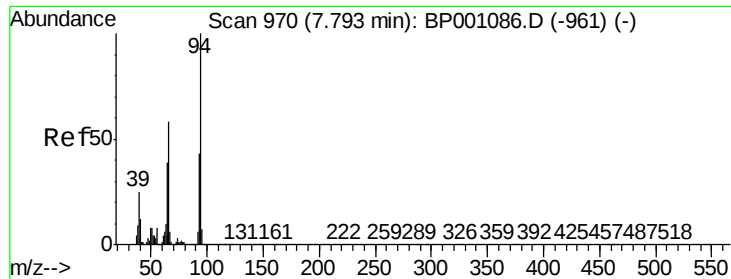


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.772 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BP001099.D

Acq: 28 Nov 2019 00:36

Instrument :

BNA_P

ClientSampleId :

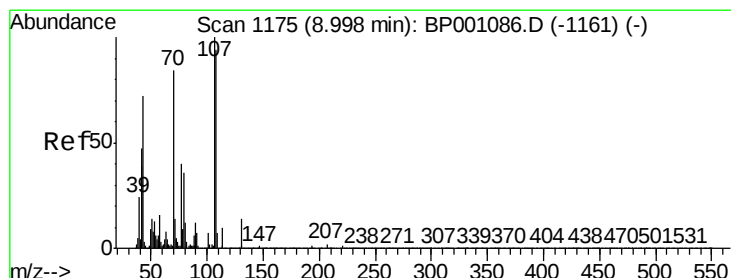
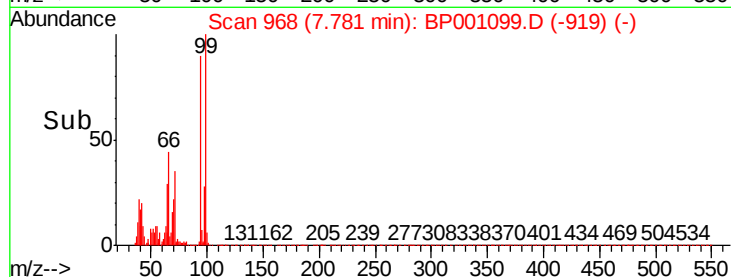
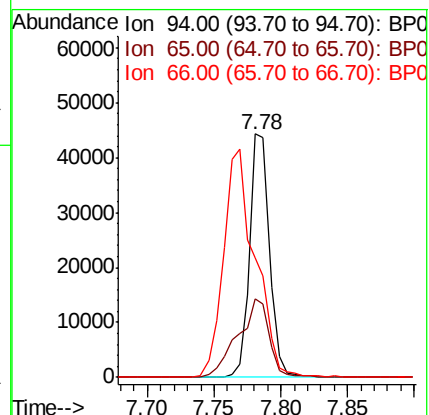
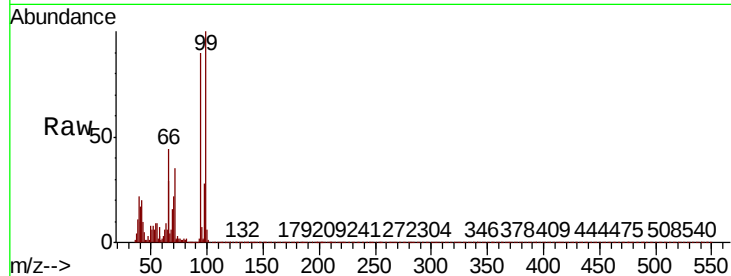
Tot Ion: 94 Resp: 45566

Ion Ratio Lower Upper

94 100

65 32.4 18.6 58.6

66 48.8 37.6 77.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.363 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.21 min

Lab File: BP001099.D

Acq: 28 Nov 2019 00:36

Tgt Ion: 70 Resp: 170621

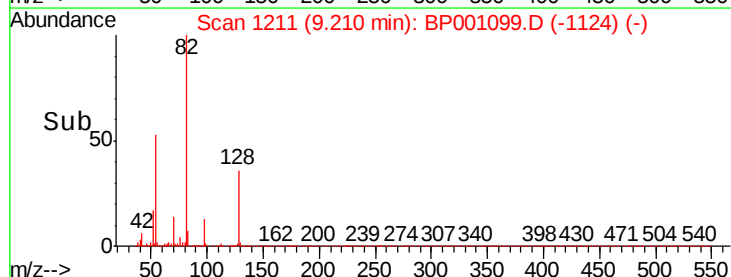
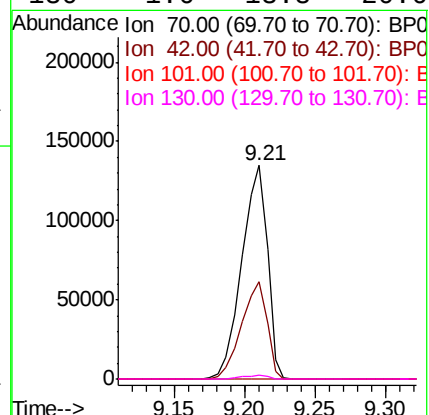
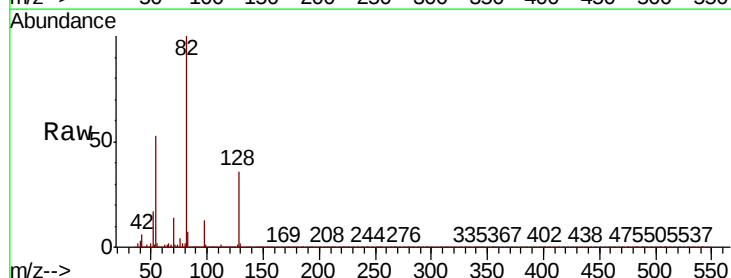
Ion Ratio Lower Upper

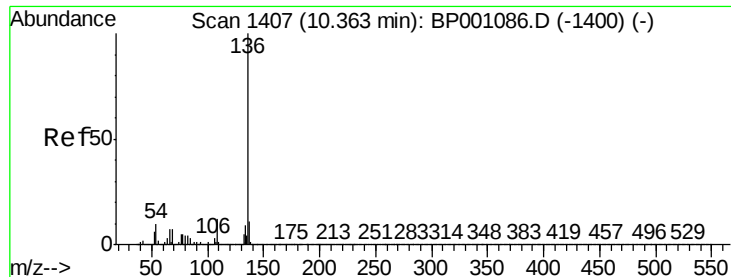
70 100

42 45.7 44.6 66.8

101 0.0 7.1 10.7#

130 1.6 13.8 20.6#

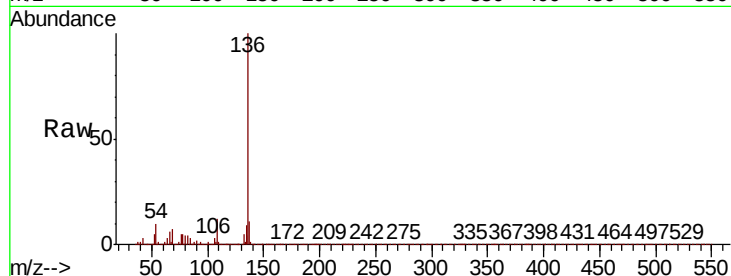




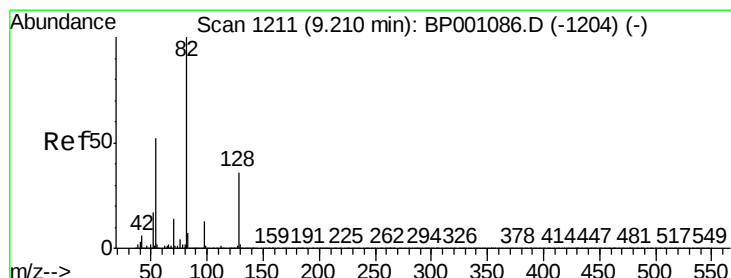
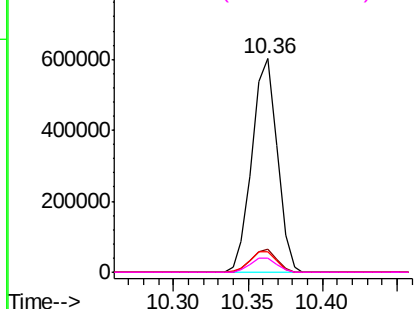
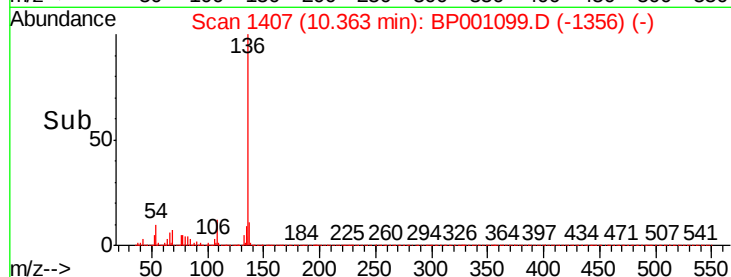
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001099.D
Acq: 28 Nov 2019 00:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	703132
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	9.9	7.9 11.9
68	6.7	5.6 8.4

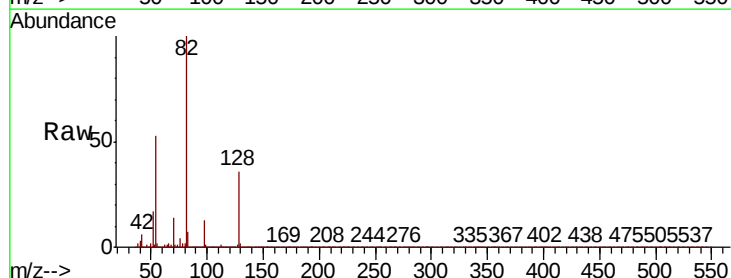


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

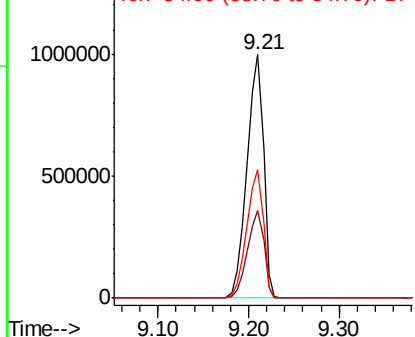
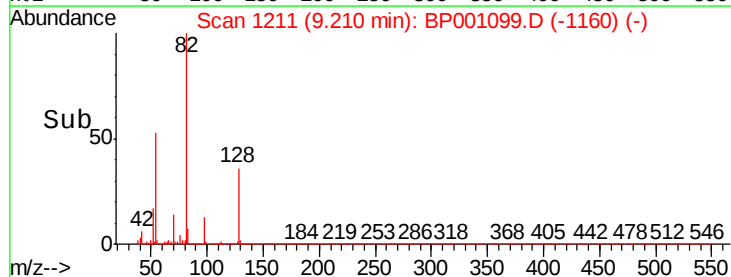


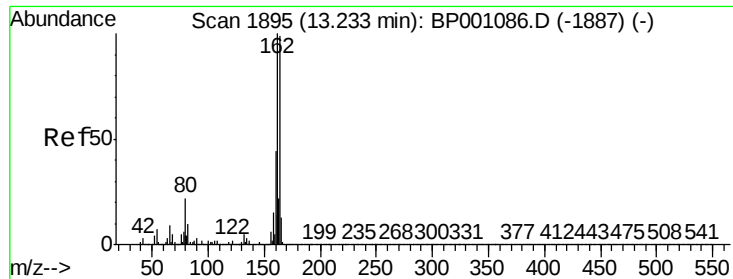
#23
Nitrobenzene-d5
Concen: 77.308 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001099.D
Acq: 28 Nov 2019 00:36

Tgt Ion: 82	Resp:	1252899
Ion	Ratio	Lower Upper
82	100	
128	36.1	28.9 43.3
54	52.8	41.9 62.9



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BP001099.D

Acq: 28 Nov 2019 00:36

Instrument :

BNA_P

ClientSampleId :

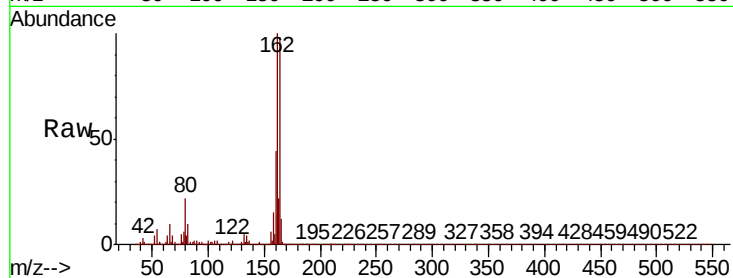
Tot Ion:164 Resp: 415779

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

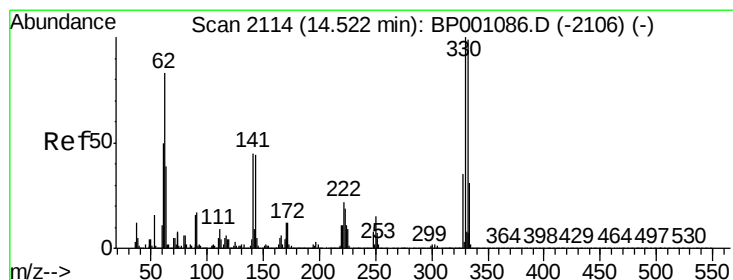
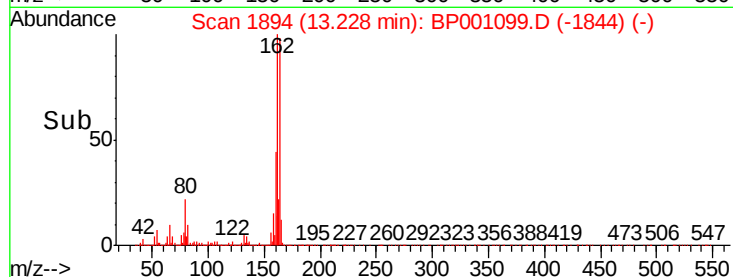
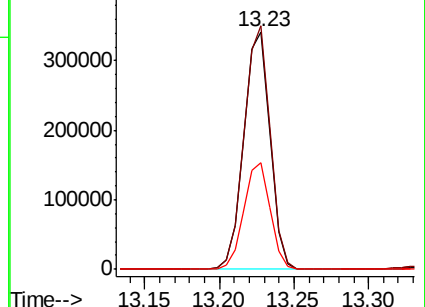
160 45.1 35.4 53.2



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: 123.824 ng

RT: 14.52 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BP001099.D

Acq: 28 Nov 2019 00:36

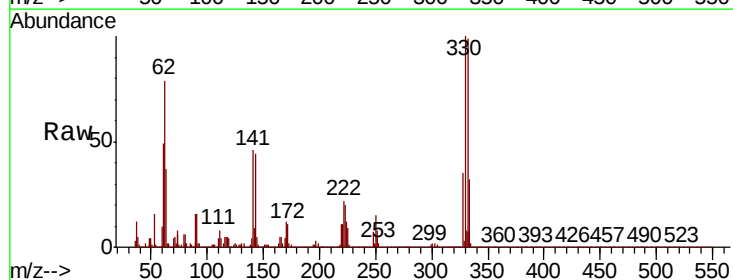
Tgt Ion:330 Resp: 493470

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

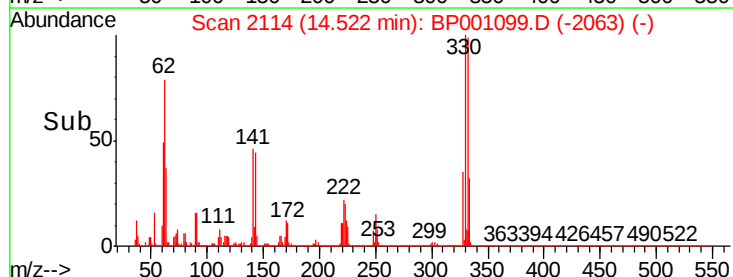
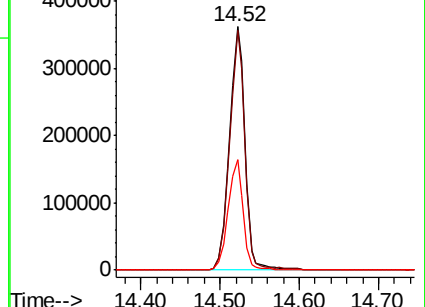
141 44.3 34.2 51.2

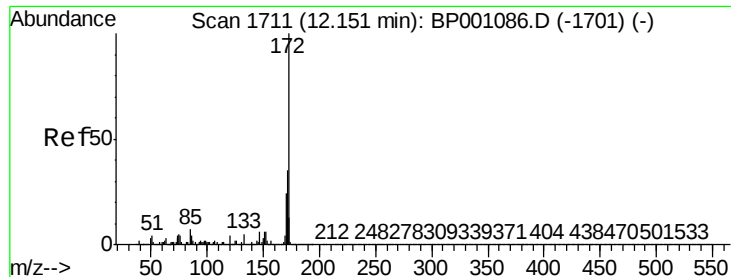


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

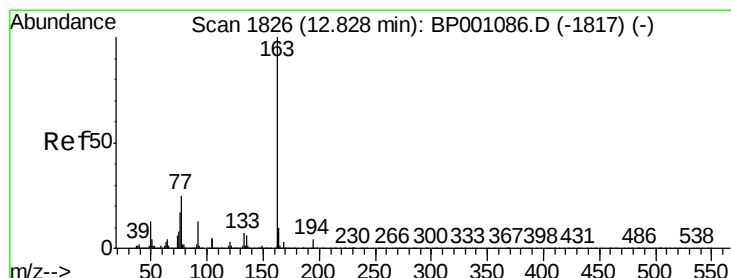
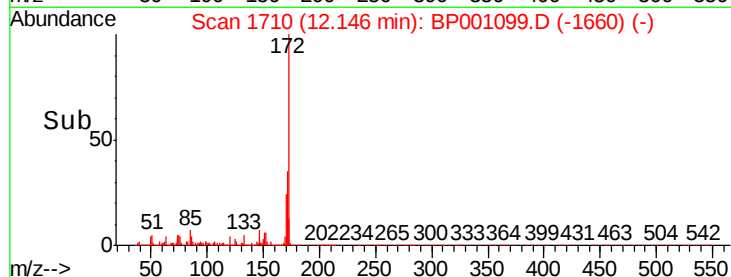
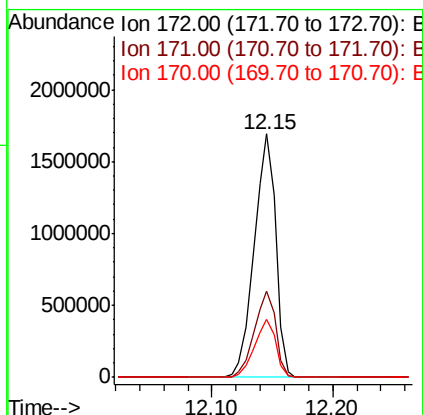
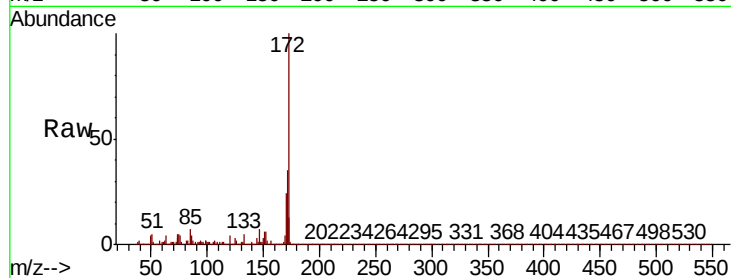




#45
2-Fluorobiphenyl
Concen: 73.976 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001099.D
Acq: 28 Nov 2019 00:36

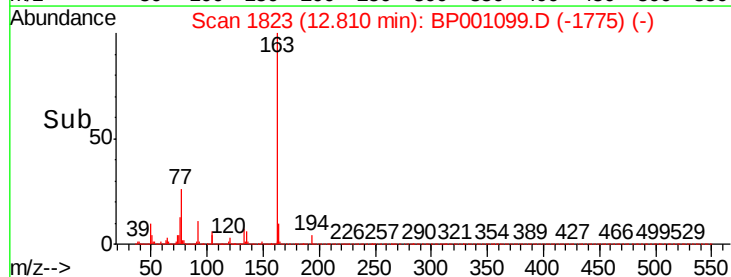
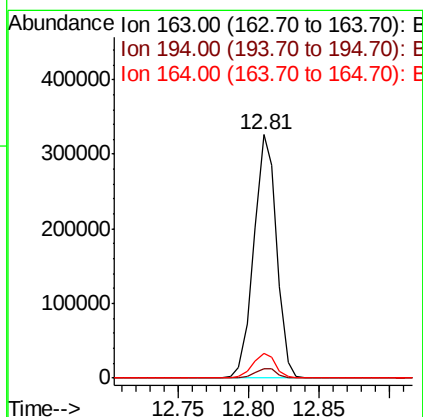
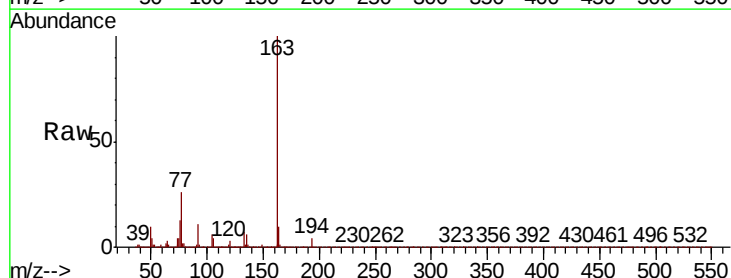
Instrument :
BNA_P
ClientSampleId :

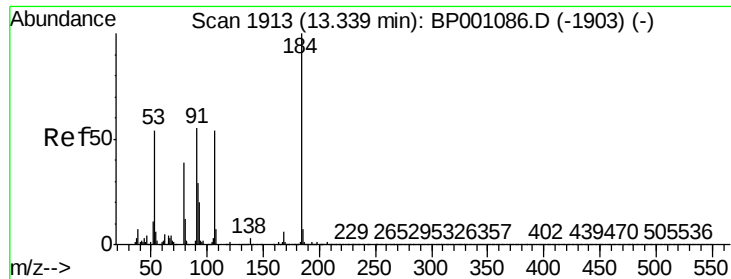
Tot Ion:172 Resp: 2101552
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.7 19.0 28.4



#50
Dimethylphthalate
Concen: 11.903 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001099.D
Acq: 28 Nov 2019 00:36

Tgt Ion:163 Resp: 370142
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.1 12.1

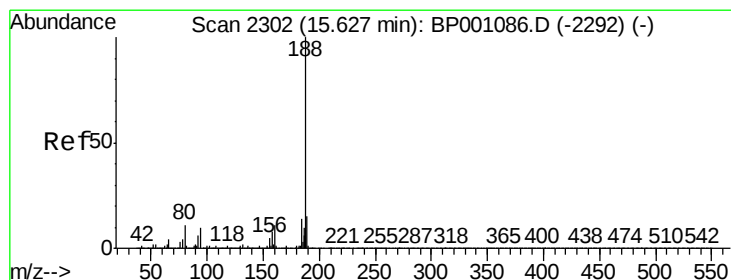
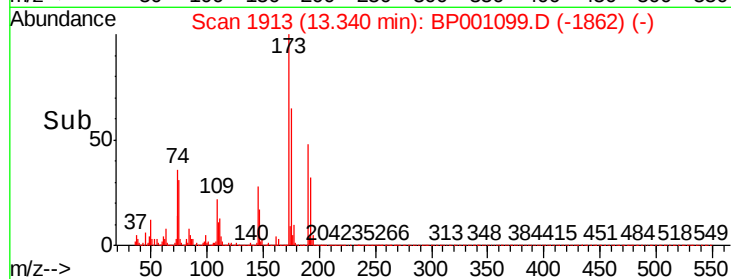
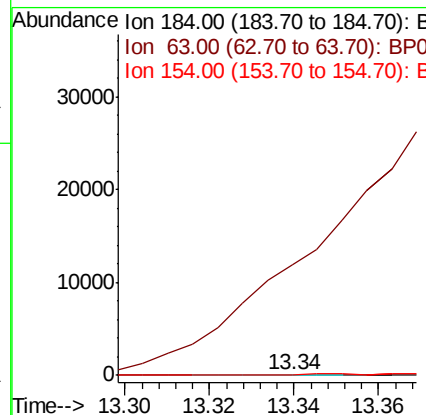
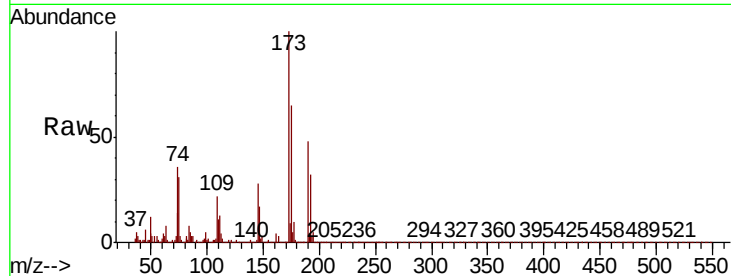




#54
2,4-Dinitrophenol
Concen: 7.143 ng
RT: 13.34 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BP001099.D
Acq: 28 Nov 2019 00:36

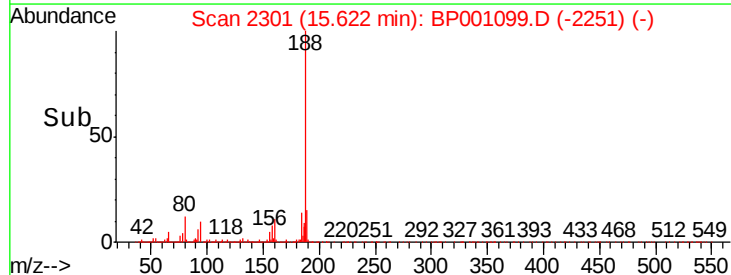
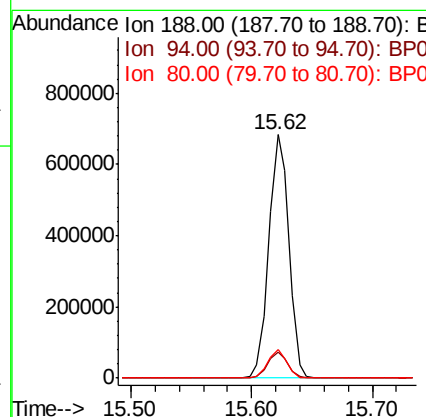
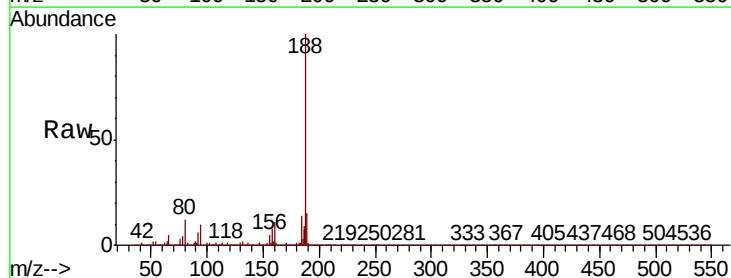
Instrument :
BNA_P
ClientSampleId :

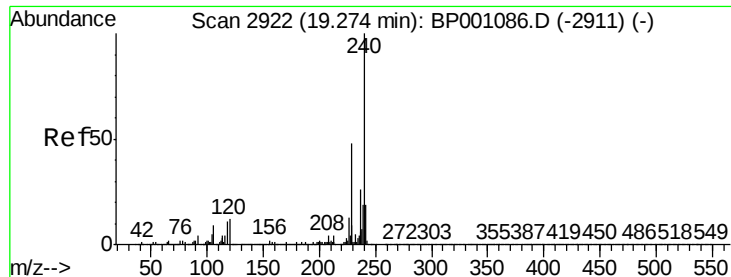
Tot Ion:184 Resp: 101
Ion Ratio Lower Upper
184 100
63 10730.6 60.7 91.1#
154 80.2 56.2 84.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001099.D
Acq: 28 Nov 2019 00:36

Tgt Ion:188 Resp: 786841
Ion Ratio Lower Upper
188 100
94 10.5 7.9 11.9
80 11.9 8.8 13.2

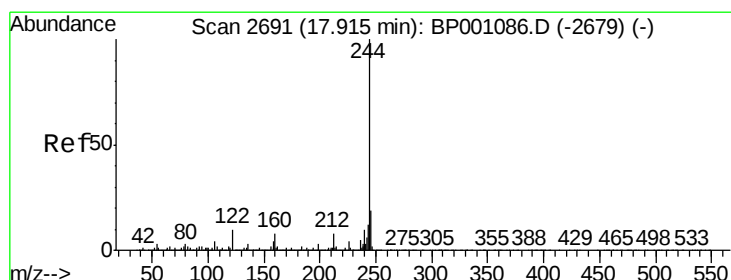
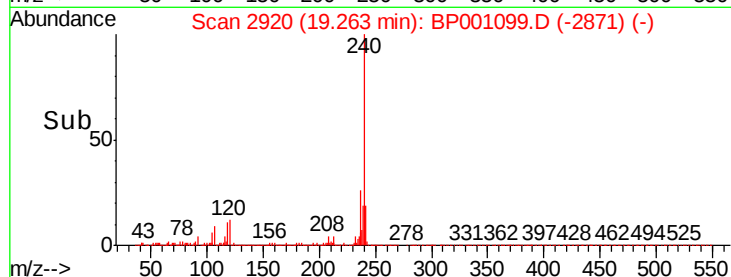
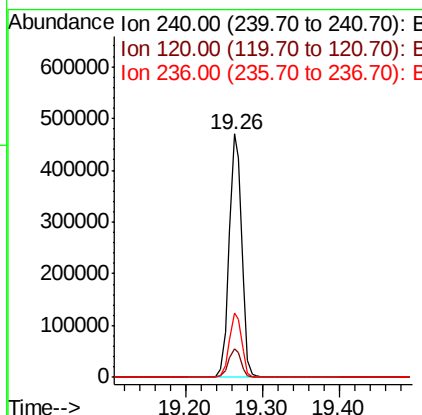
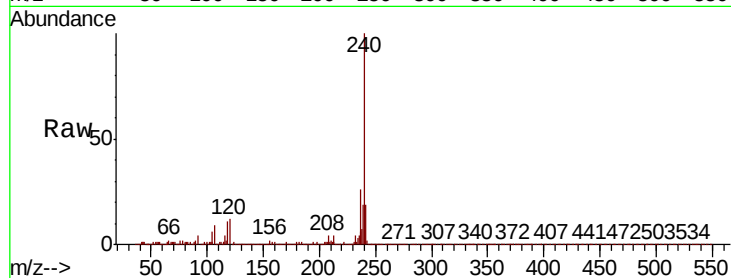




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.26 min Scan# 2920
 Delta R.T. -0.01 min
 Lab File: BP001099.D
 Acq: 28 Nov 2019 00:36

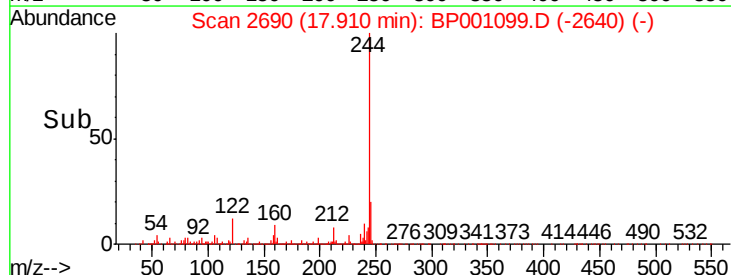
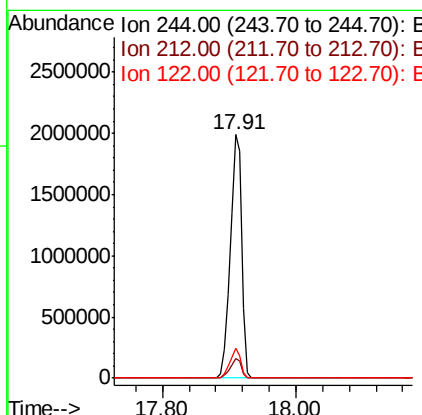
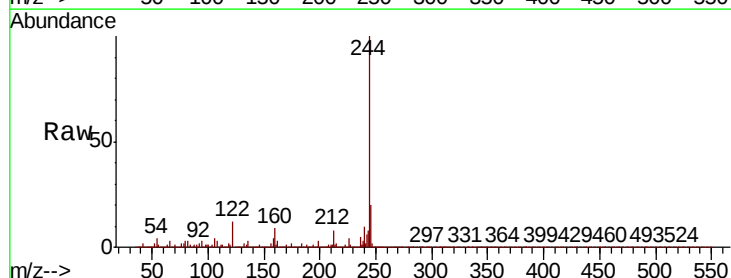
Instrument :
 BNA_P
 ClientSampleId :

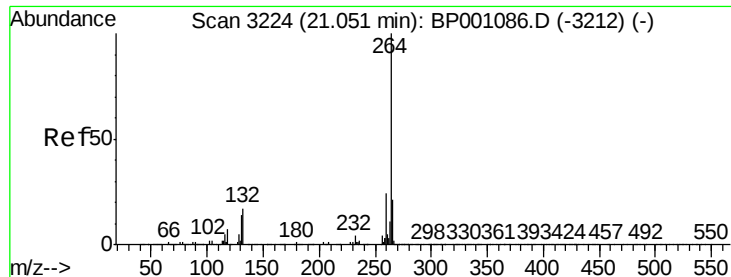
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	9.5	14.3
236	26.4	20.4	30.6



#79
 Terphenyl-d14
 Concen: 82.926 ng
 RT: 17.91 min Scan# 2690
 Delta R.T. -0.01 min
 Lab File: BP001099.D
 Acq: 28 Nov 2019 00:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.0	8.2	12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BP001099.D
Acq: 28 Nov 2019 00:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 264 Resp: 548828
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.5 16.9 25.3

