

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001184.D
 Acq On : 04 Dec 2019 07:08
 Operator : JU
 Sample : K6019-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 04 08:03:54 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

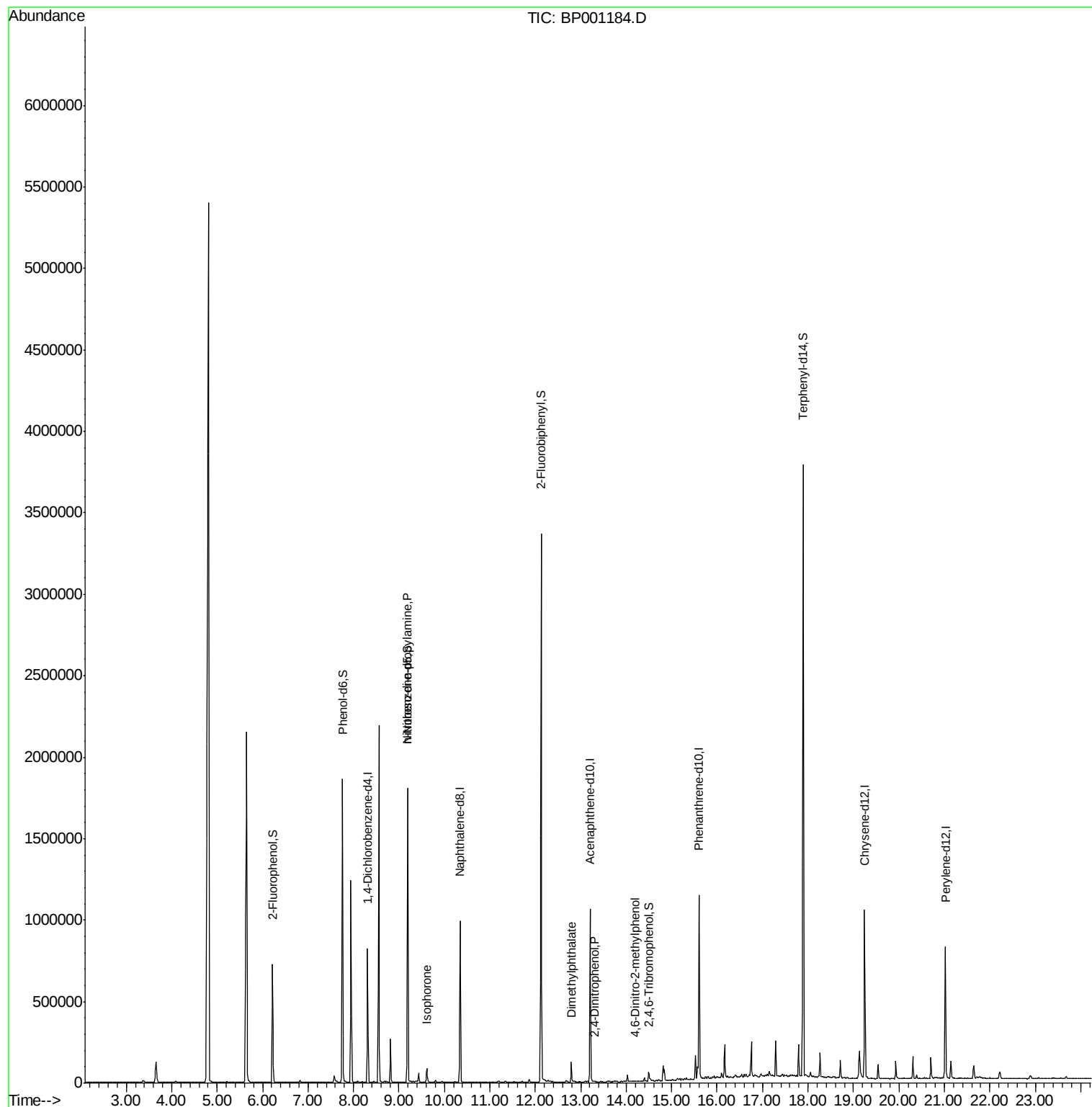
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	138739	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	504714	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	277834	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	519739	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	403974	20.00	ng	-0.02
87) Perylene-d12	21.02	264	426847	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	225794	27.00	ng	-0.01
7) Phenol-d6	7.76	99	715054	64.18	ng	-0.01
23) Nitrobenzene-d5	9.19	82	783218	67.33	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	8882	3.34	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1278777	67.36	ng	-0.02
79) Terphenyl-d14	17.89	244	1446664	66.25	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.63	77	371	Below Cal	Qvalue #	30
19) n-Nitroso-di-n-propylamine	9.19	70	112739	14.024 ng	#	83
25) Isophorone	9.61	82	41865	2.007 ng	#	99
50) Dimethylphthalate	12.79	163	61719	2.970 ng	#	99
54) 2,4-Dinitrophenol	13.30	184	14	7.116 ng	#	1
65) 4,6-Dinitro-2-methylphenol	14.19	198	14	6.282 ng	#	1

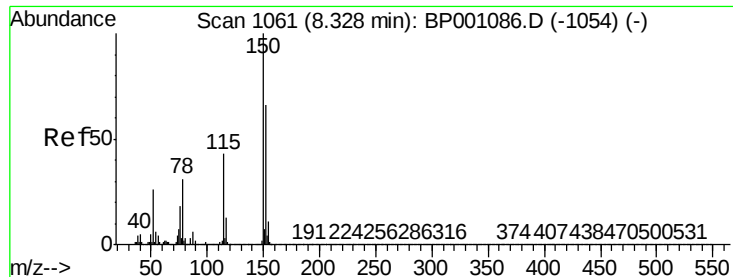
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

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QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

Instrument :

BNA_P

ClientSampled :

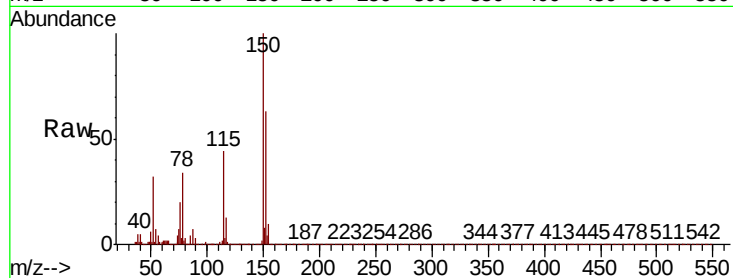
Tot Ion:152 Resp: 138739

Ion Ratio Lower Upper

152 100

150 157.8 120.6 181.0

115 68.9 51.6 77.4

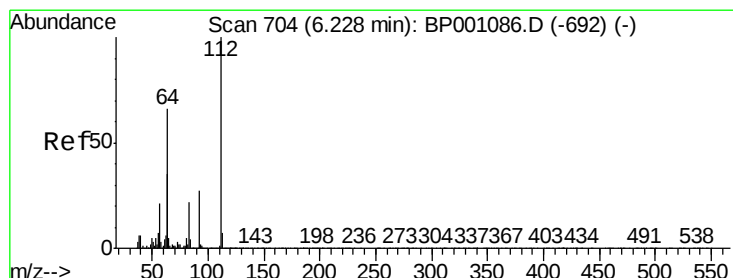
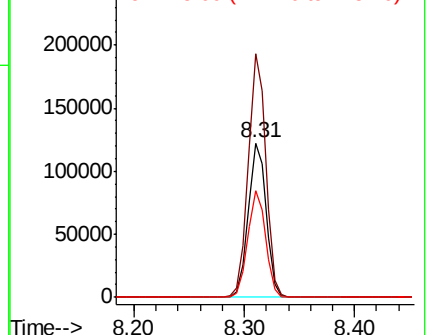
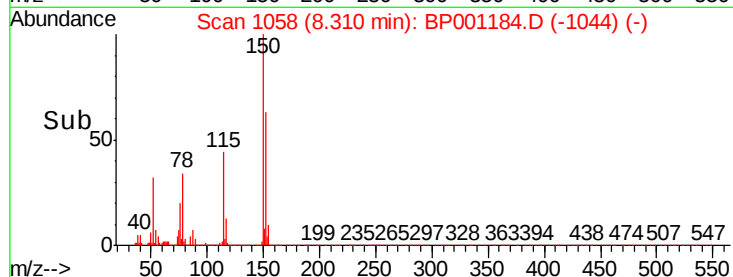


Abundance

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: 27.001 ng

RT: 6.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

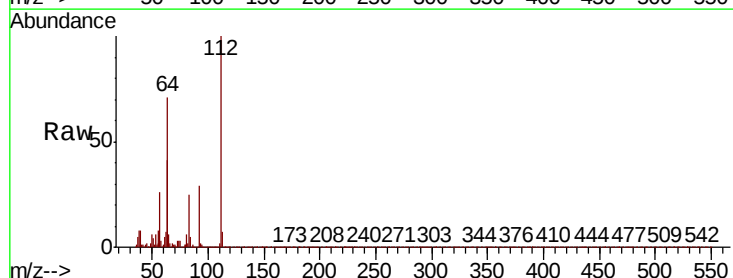
Tgt Ion:112 Resp: 225794

Ion Ratio Lower Upper

112 100

64 70.9 52.8 79.2

63 41.0 28.2 42.2

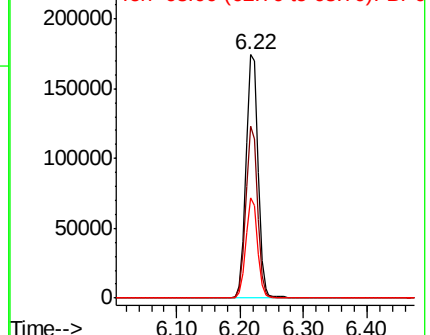
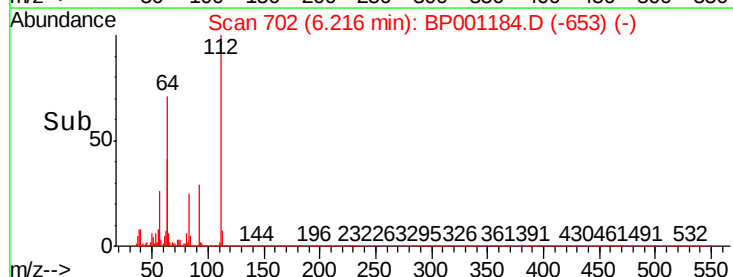


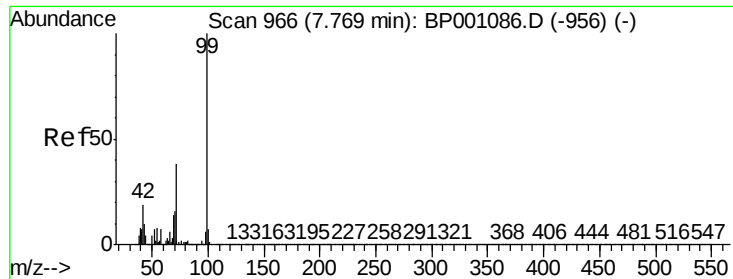
Abundance

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: 64.183 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

Instrument :

BNA_P

ClientSampleId :

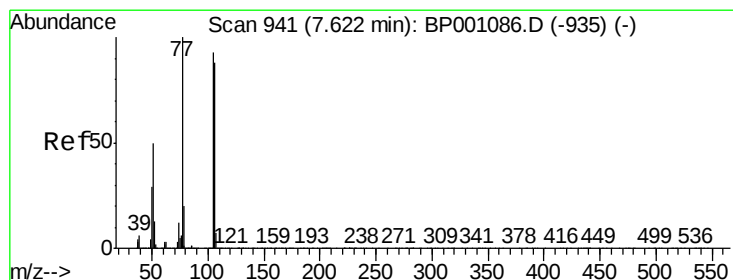
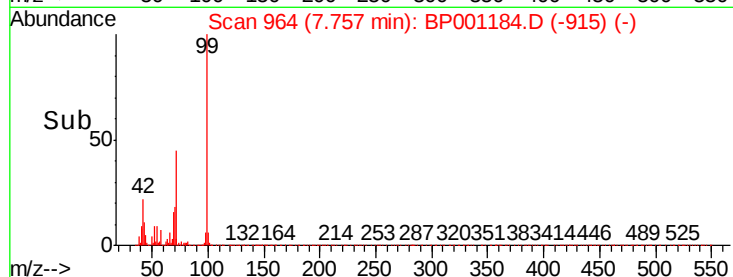
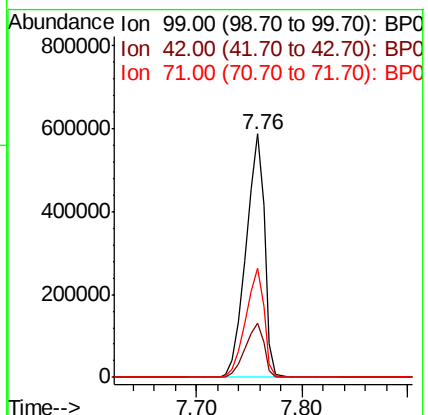
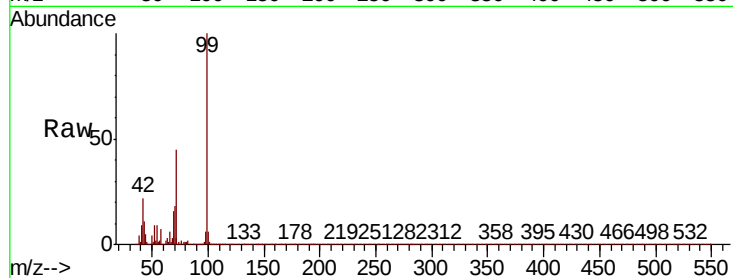
Tot Ion: 99 Resp: 715054

Ion Ratio Lower Upper

99 100

42 22.2 15.4 23.0

71 44.7 30.8 46.2



#9

Benzaldehyde

Concen: Below Cal

RT: 7.63 min Scan# 943

Delta R.T. 0.01 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

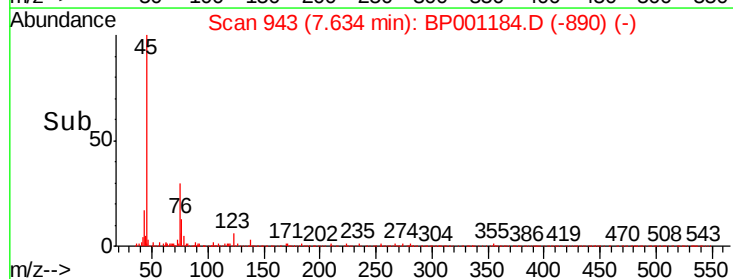
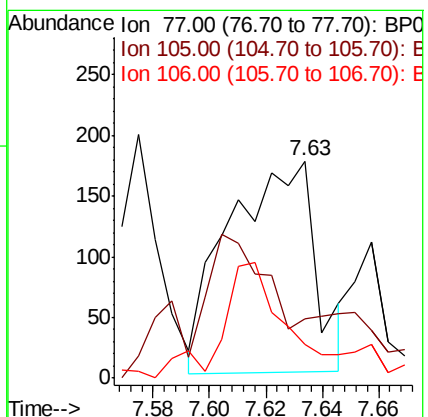
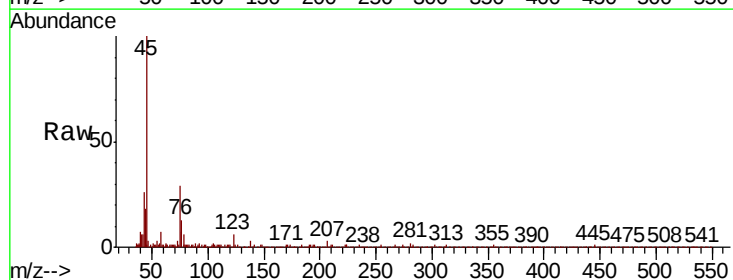
Tgt Ion: 77 Resp: 371

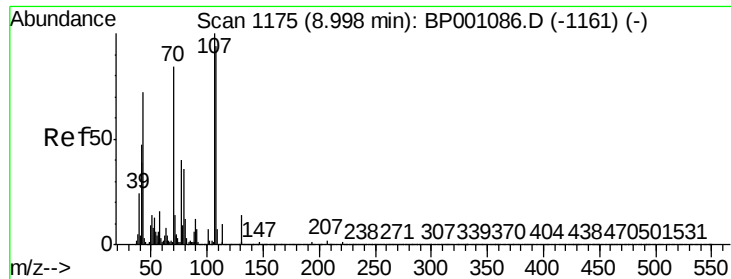
Ion Ratio Lower Upper

77 100

105 32.4 72.5 112.5#

106 15.6 67.6 107.6#

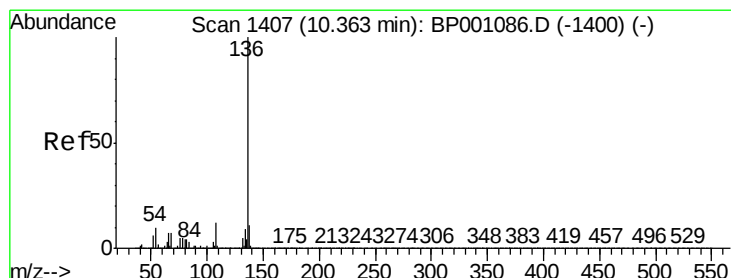
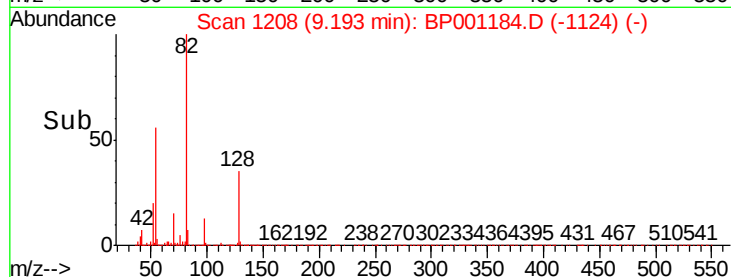
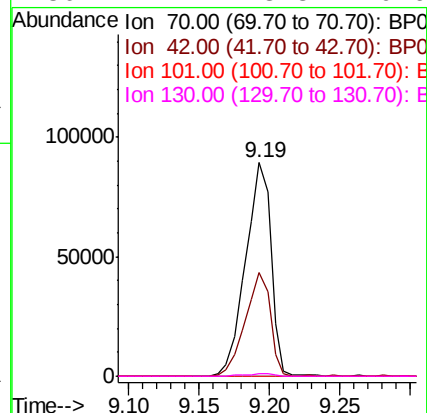
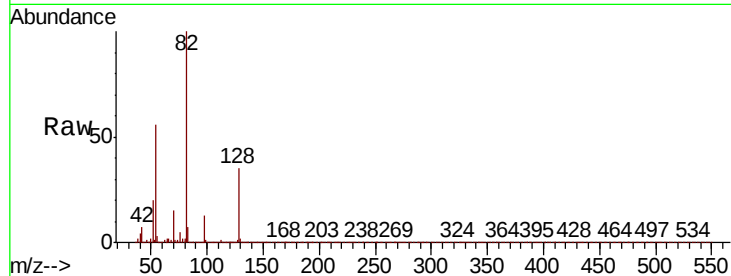




#19
n-Nitroso-di-n-propylamine
Concen: 14.024 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.19 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

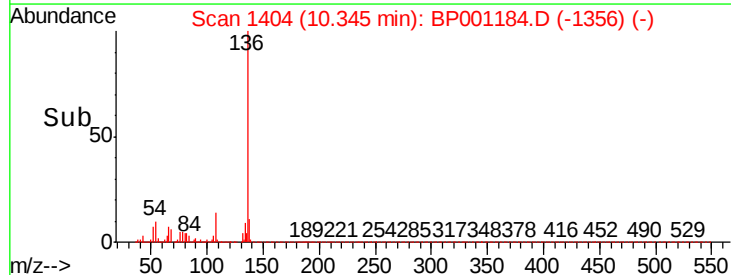
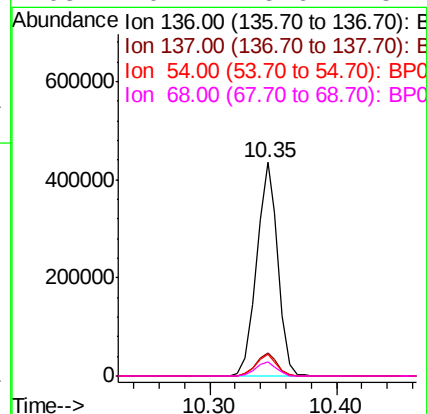
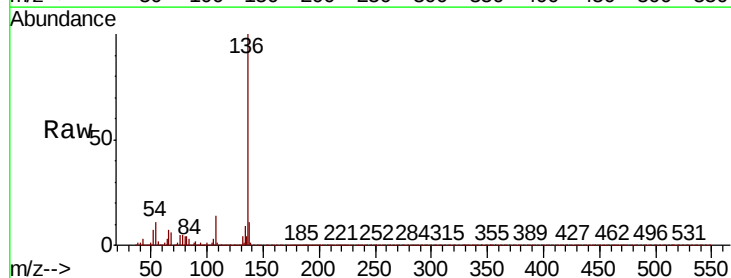
Instrument :
BNA_P
ClientSampled :

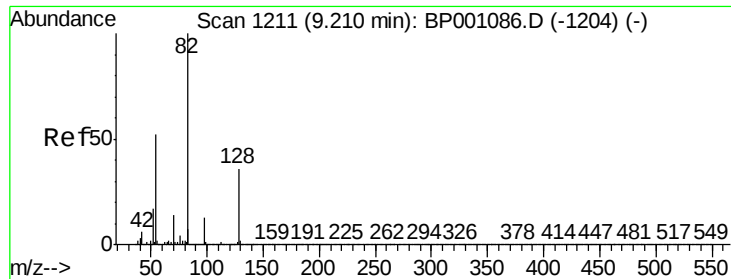
Tot Ion: 70 Resp: 112739
Ion Ratio Lower Upper
70 100
42 48.6 44.6 66.8
101 0.0 7.1 10.7#
130 1.4 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

Tgt Ion: 136 Resp: 504714
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.5 7.9 11.9
68 6.4 5.6 8.4

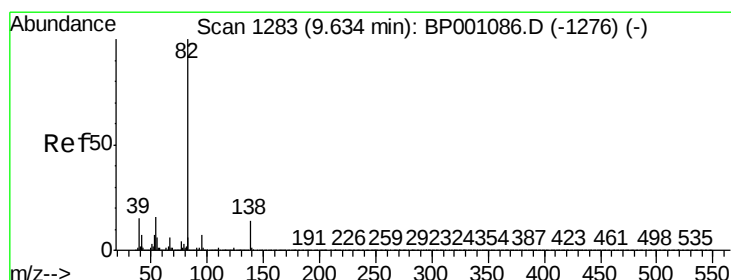
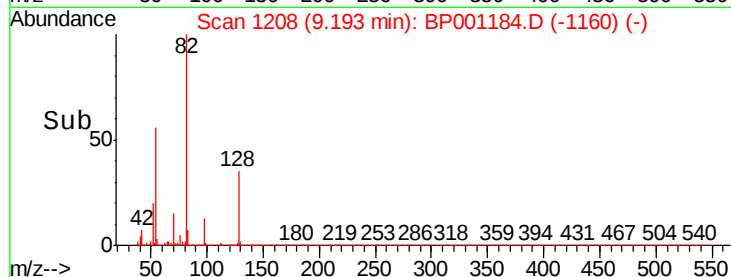
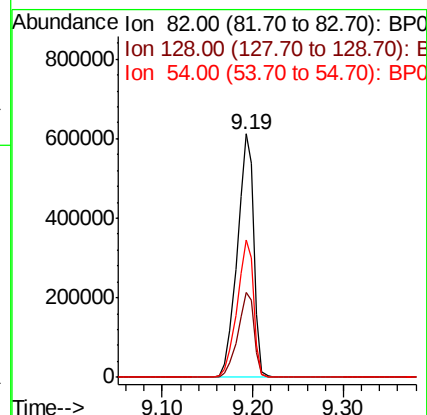
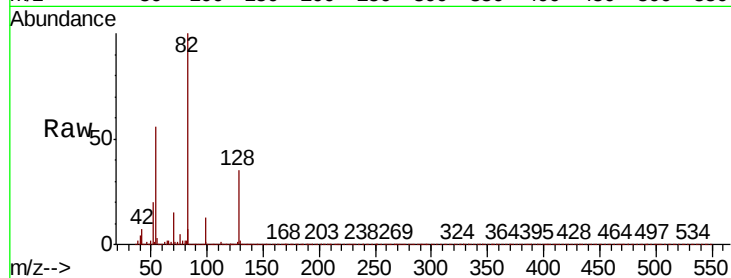




#23
Nitrobenzene-d5
Concen: 67.326 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

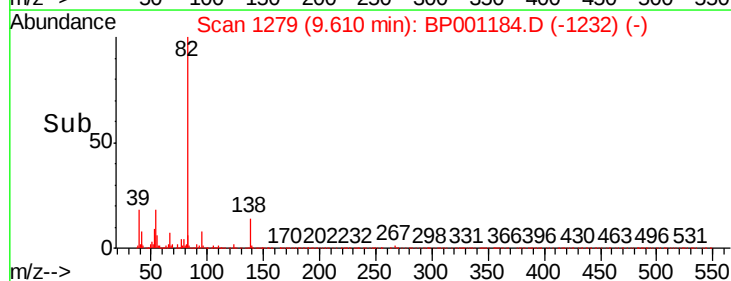
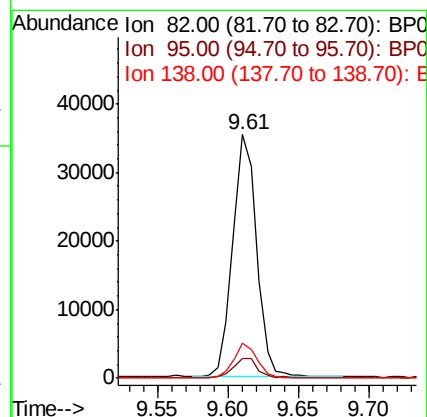
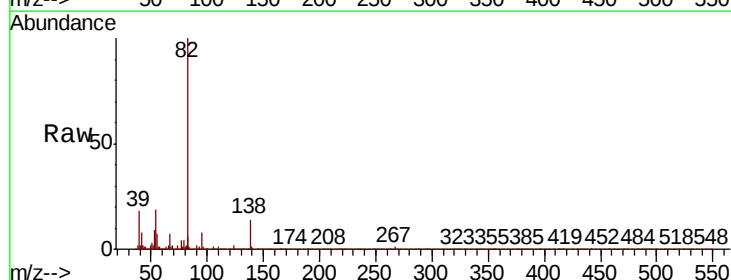
Instrument :
BNA_P
ClientSampleId :

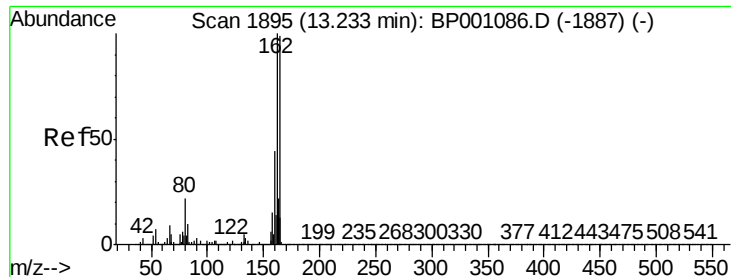
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.9	43.3
54	56.3	41.9	62.9



#25
Isophorone
Concen: 2.007 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.7	8.5
138	14.2	11.3	16.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.21 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

Instrument :

BNA_P

ClientSampleId :

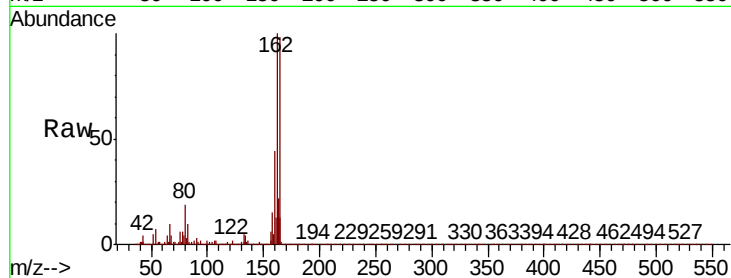
Tot Ion:164 Resp: 277834

Ion Ratio Lower Upper

164 100

162 102.2 80.6 120.8

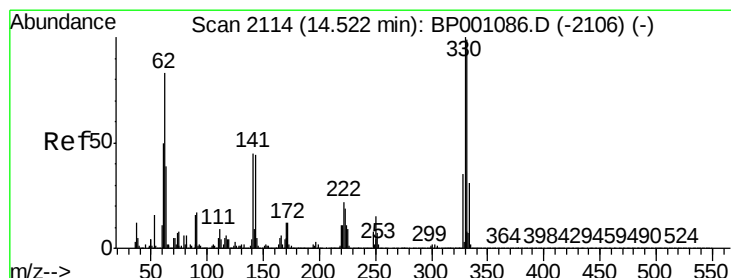
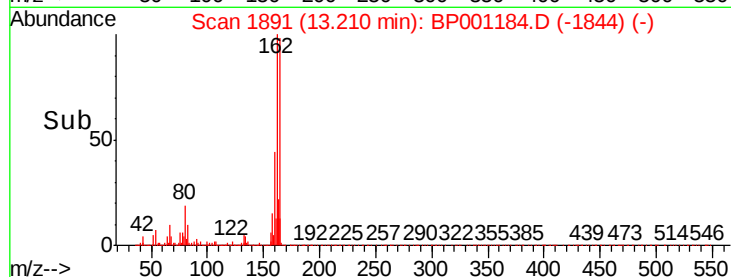
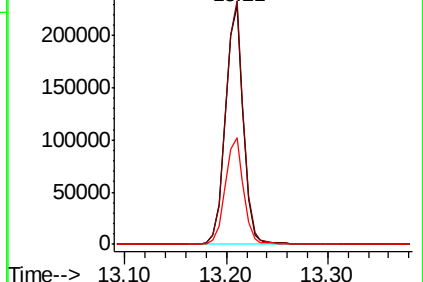
160 44.8 35.4 53.2



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: 3.335 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

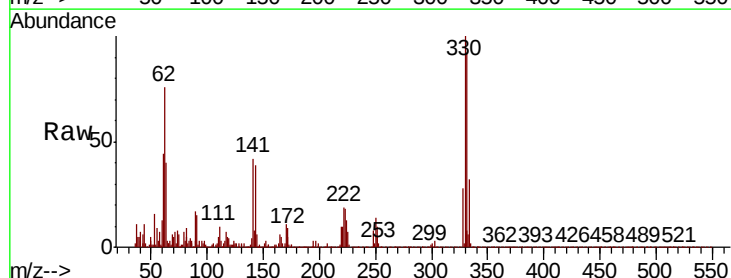
Tgt Ion:330 Resp: 8882

Ion Ratio Lower Upper

330 100

332 92.7 77.6 116.4

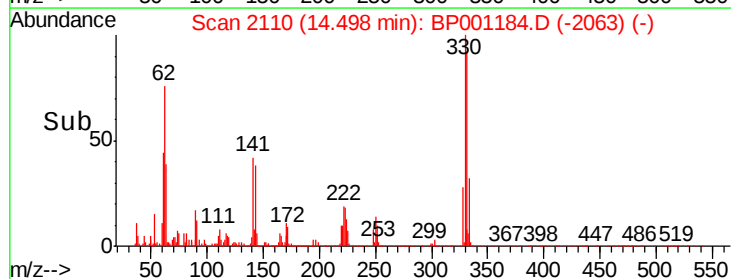
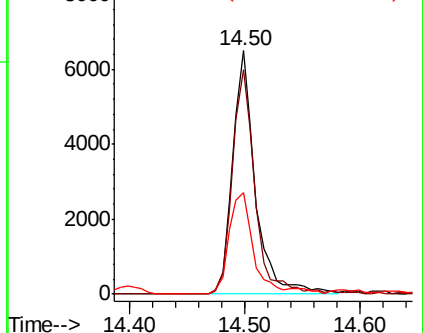
141 42.8 34.2 51.2

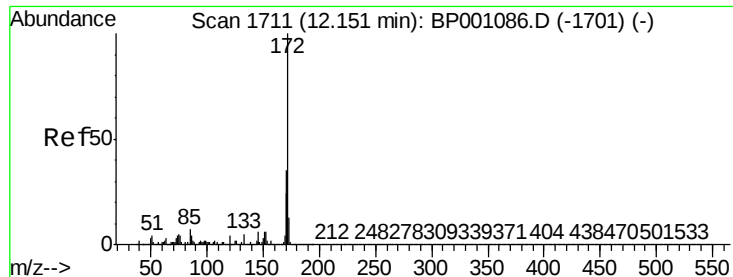


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

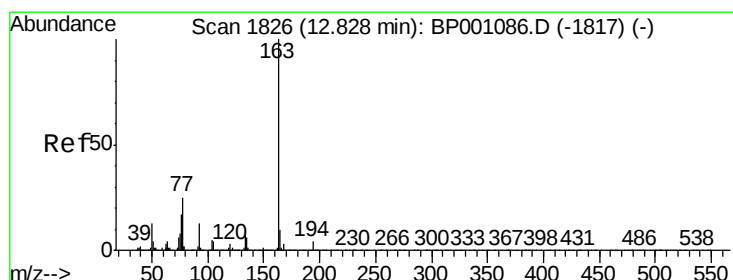
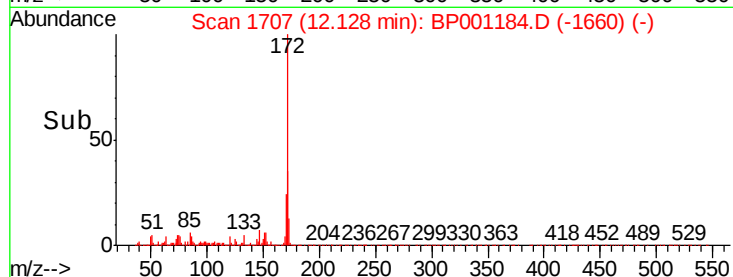
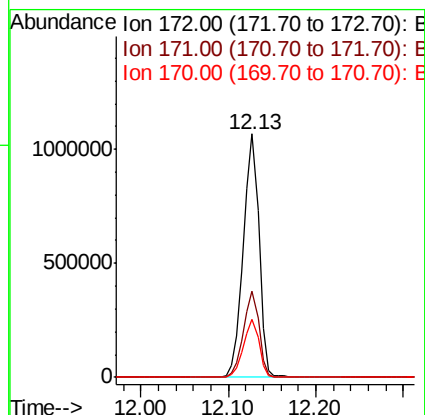
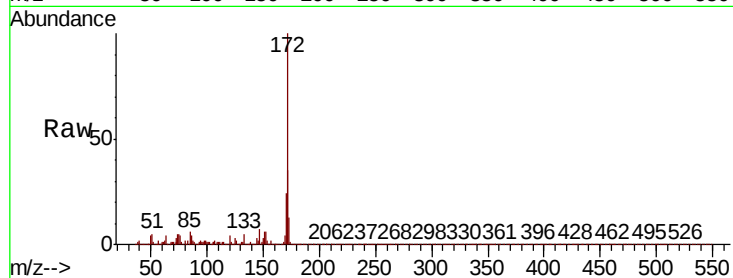




#45
2-Fluorobiphenyl
Concen: 67.363 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

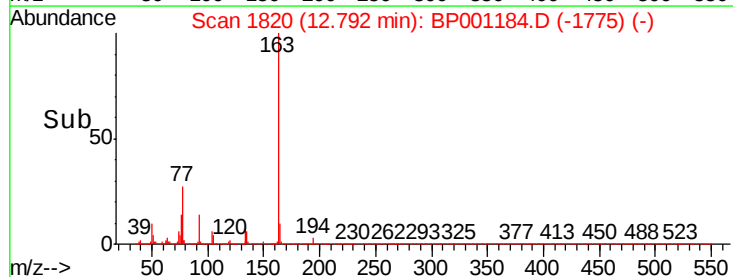
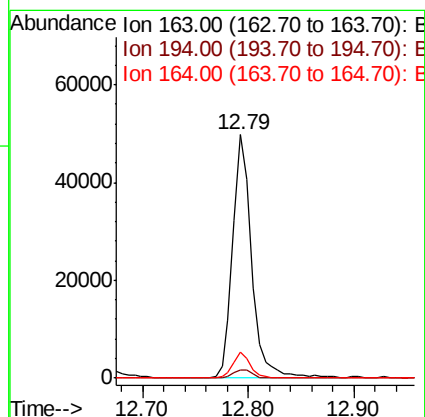
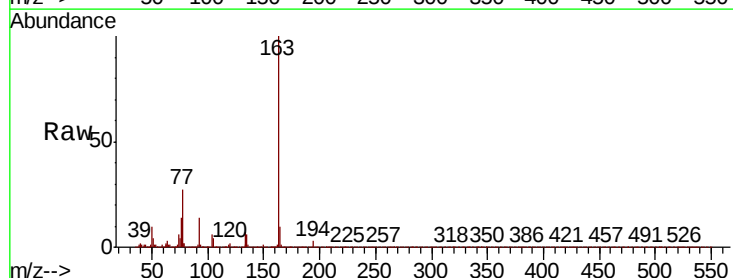
Instrument :
BNA_P
ClientSampleId :

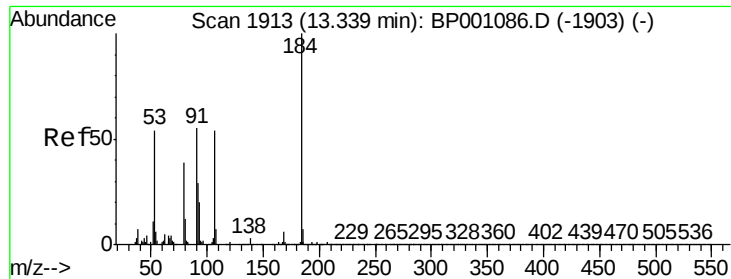
Tot Ion:172 Resp: 1278777
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.8 19.0 28.4



#50
Dimethylphthalate
Concen: 2.970 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.04 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

Tgt Ion:163 Resp: 61719
Ion Ratio Lower Upper
163 100
194 3.1 3.1 4.7#
164 10.5 8.1 12.1

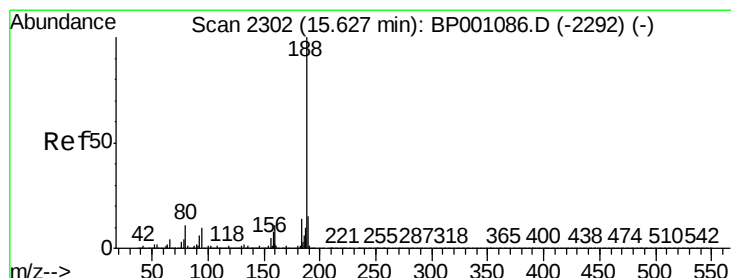
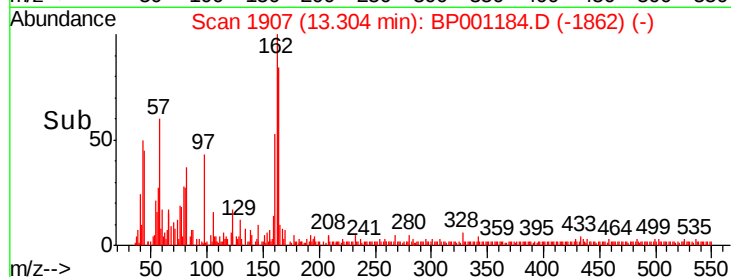
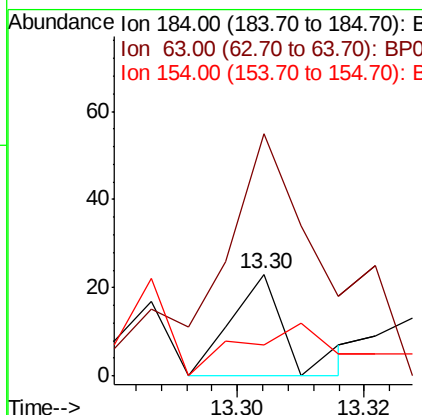
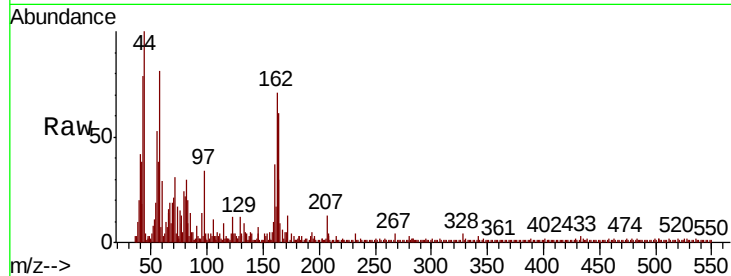




#54
2,4-Dinitrophenol
Concen: 7.116 ng
RT: 13.30 min Scan# 1907
Delta R.T. -0.03 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

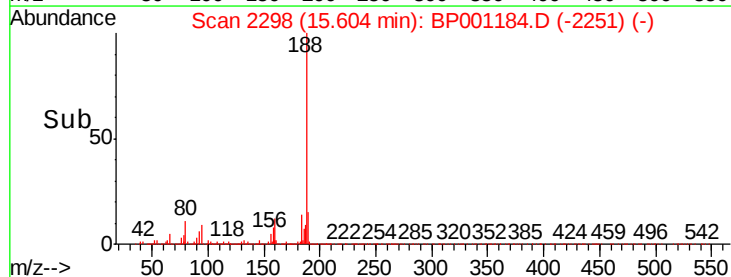
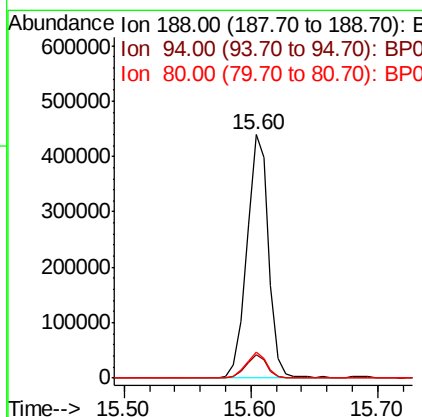
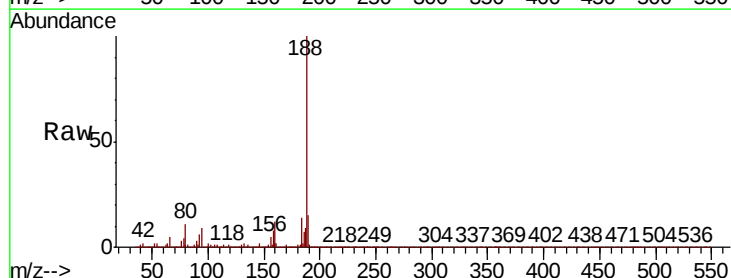
Instrument :
BNA_P
ClientSampleId :

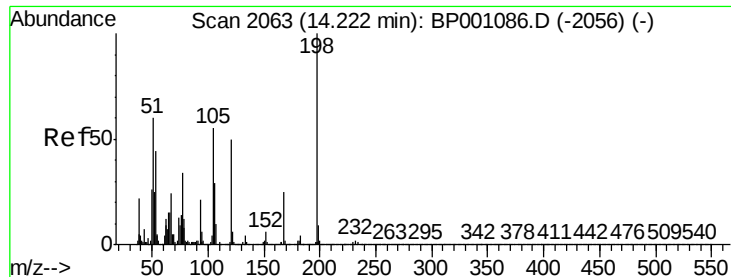
Tot Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 239.1 60.7 91.1#
154 30.4 56.2 84.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

Tgt Ion:188 Resp: 519739
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.7 8.8 13.2

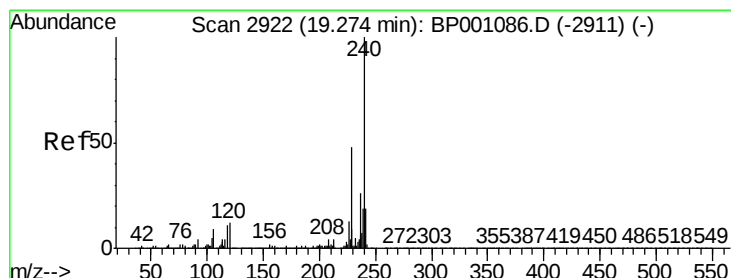
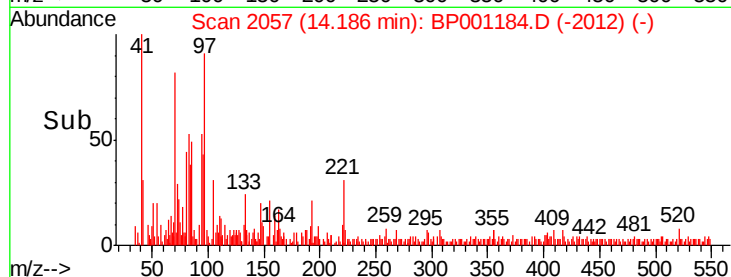
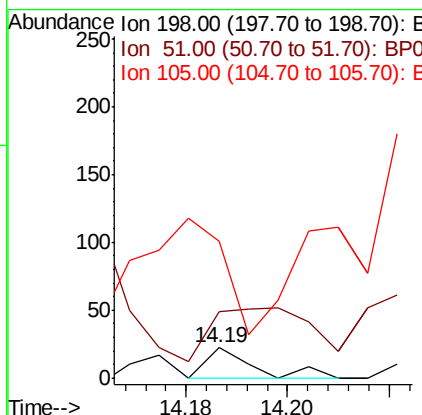
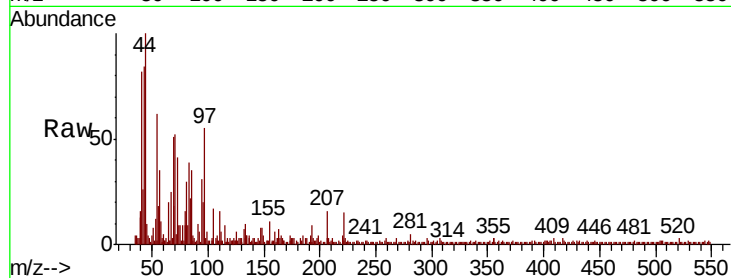




#65
4,6-Dinitro-2-methylphenol
Concen: 6.282 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.03 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

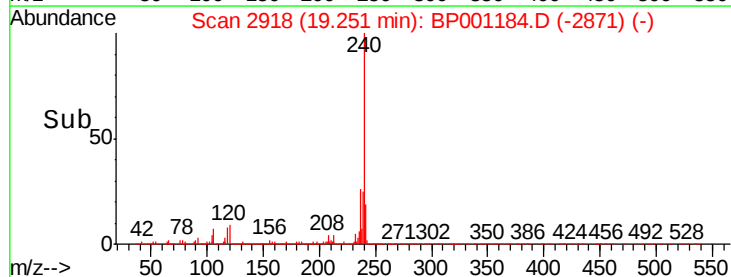
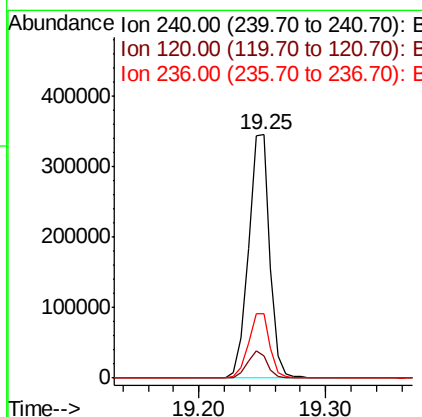
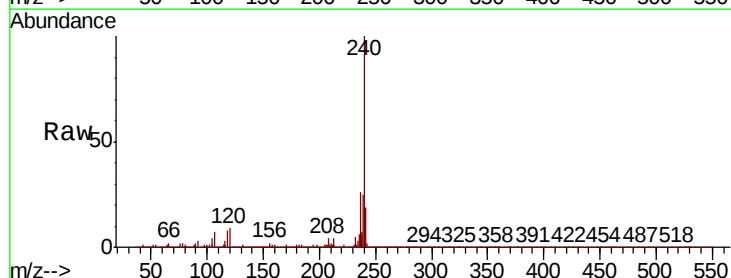
Instrument :
BNA_P
ClientSampled :

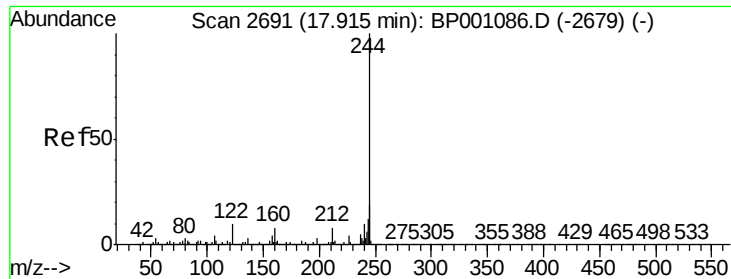
Tot Ion	Ratio	Lower	Upper
198	100		
51	222.7	40.5	80.5#
105	459.1	35.7	75.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.02 min
Lab File: BP001184.D
Acq: 04 Dec 2019 07:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.3	20.4	30.6





#79

Terphenyl-d14

Concen: 66.253 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

Instrument :

BNA_P

ClientSampleId :

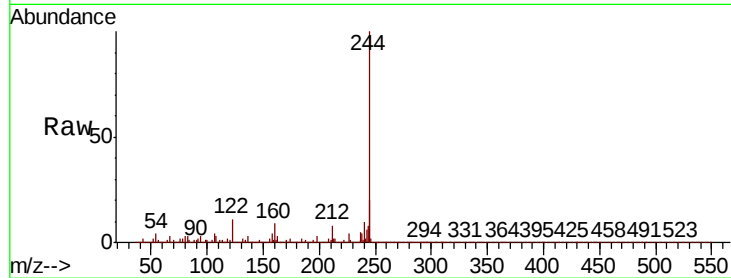
Tot Ion:244 Resp: 1446664

Ion Ratio Lower Upper

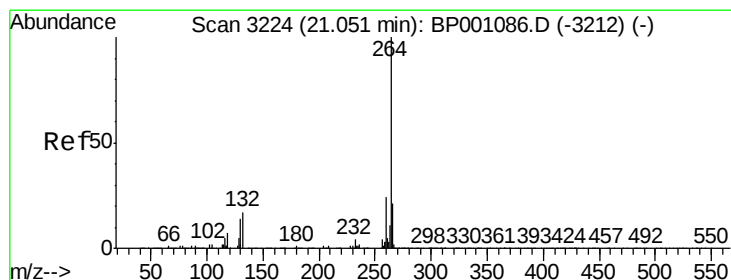
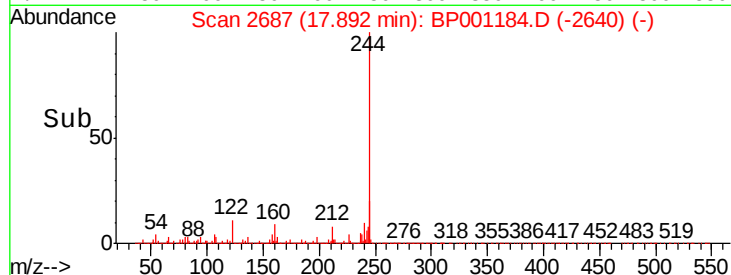
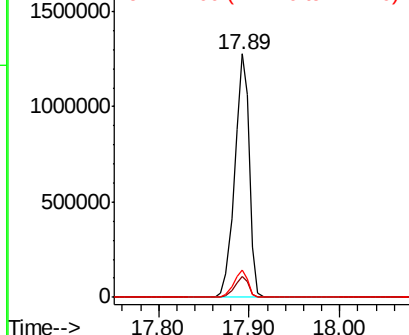
244 100

212 8.4 6.2 9.2

122 11.4 8.2 12.2



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: 21.02 min Scan# 3219

Delta R.T. -0.03 min

Lab File: BP001184.D

Acq: 04 Dec 2019 07:08

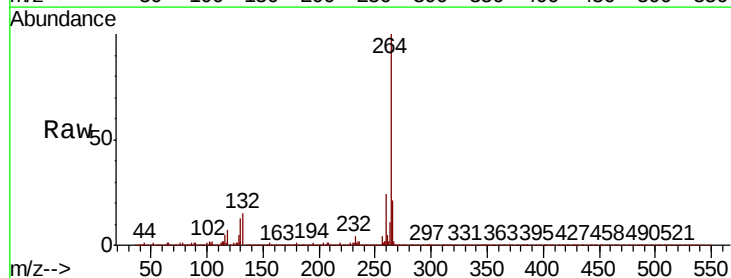
Tgt Ion:264 Resp: 426847

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 20.9 16.9 25.3



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

