

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001453.D
 Acq On : 27 Dec 2019 09:22
 Operator : JU
 Sample : K6372-17DL2 50X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 10:37:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

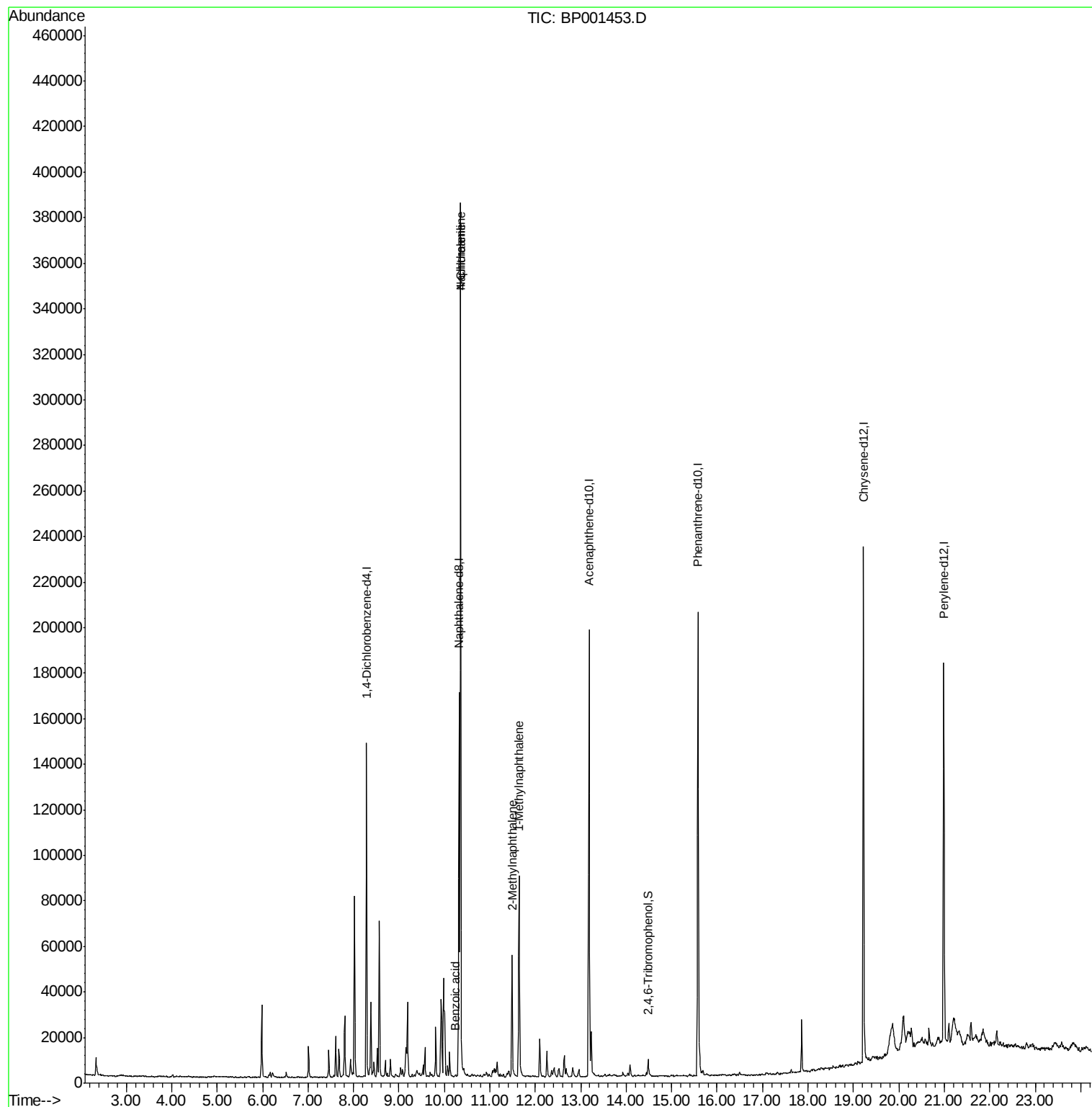
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	24487	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	89325	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	54869	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	105881	20.00	ng	0.00
76) Chrysene-d12	19.22	240	88226	20.00	ng	0.00
87) Perylene-d12	20.99	264	93306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	1082	0.71	ng	0.02
7) Phenol-d6	7.77	99	729	0.37	ng	0.02
23) Nitrobenzene-d5	9.16	82	3449	1.48	ng	-0.01
42) 2,4,6-Tribromophenol	14.49	330	1574	2.29	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	7714	1.78	ng	0.00
79) Terphenyl-d14	17.86	244	9944	1.93	ng	-0.01
Target Compounds						
31) Naphthalene	10.36	128	192215	39.421	ng	100
32) Benzoic acid	10.23	122	16	5.037	ng	84
33) 4-Chloroaniline	10.36	127	26193	13.135	ng	# 35
37) 2-Methylnaphthalene	11.49	142	19470	5.784	ng	92
38) 1-Methylnaphthalene	11.65	142	30837	9.744	ng	99

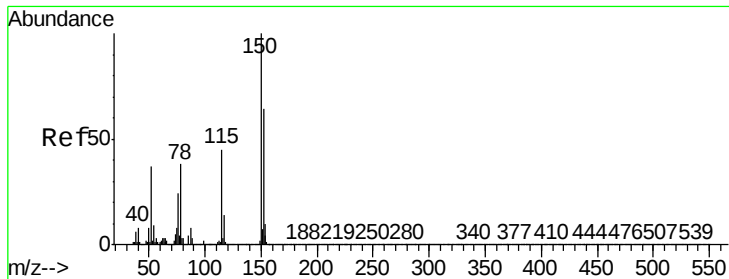
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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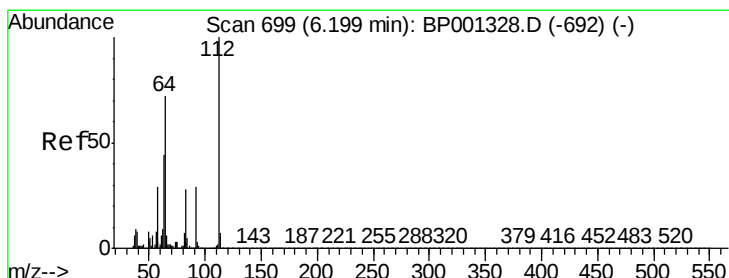
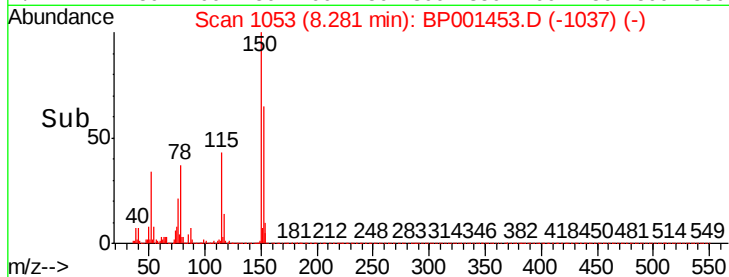
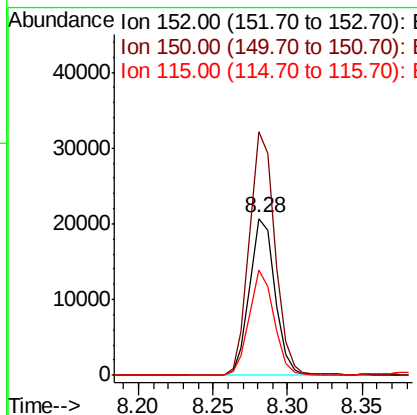
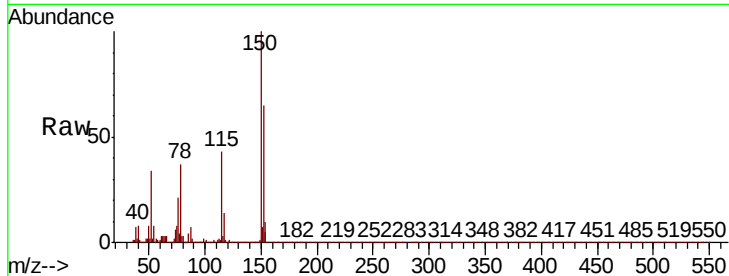




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BP001453.D
 Acq: 27 Dec 2019 09:22

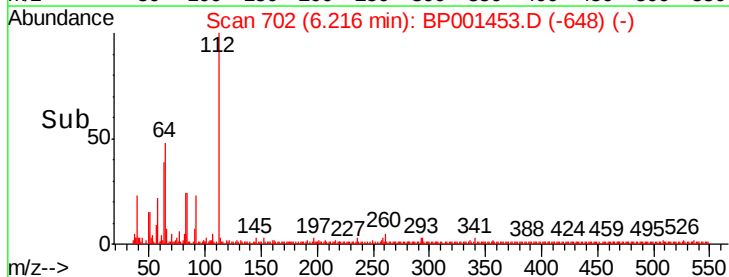
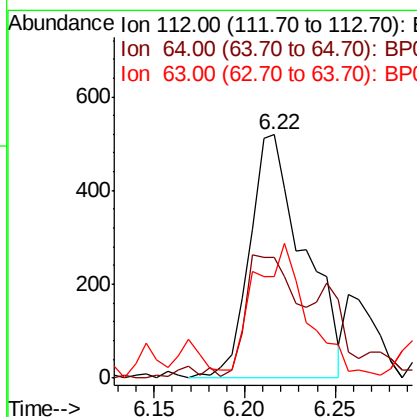
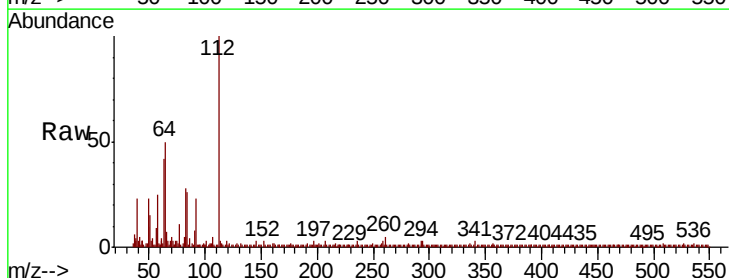
Instrument :
 BNA_P
 ClientSampleId :

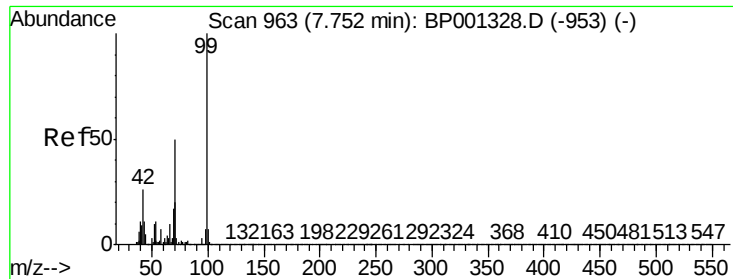
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	127.0	190.6
115	66.7	56.1	84.1



#5
 2-Fluorophenol
 Concen: 0.714 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.02 min
 Lab File: BP001453.D
 Acq: 27 Dec 2019 09:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.5	53.9	80.9#
63	41.8	33.4	50.0





#7

Phenol-d6

Concen: 0.369 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.02 min

Lab File: BP001453.D

Acq: 27 Dec 2019 09:22

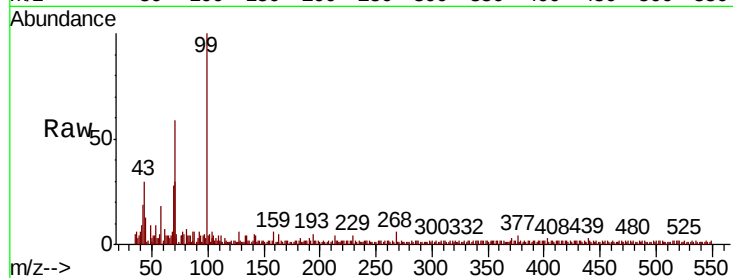
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 729

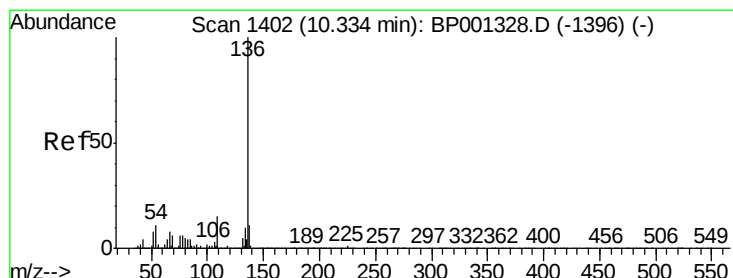
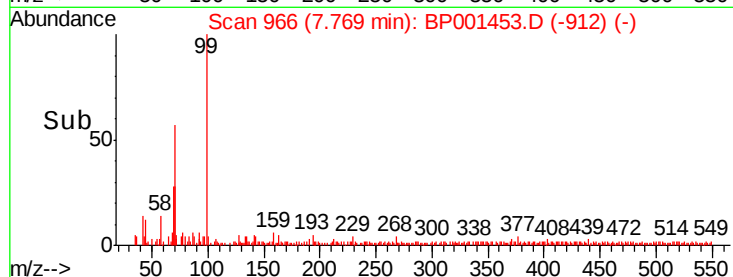
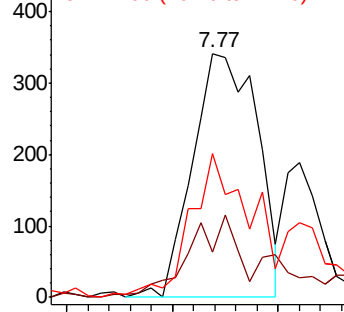
Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.8	31.2#
71	59.2	38.2	57.4#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1400

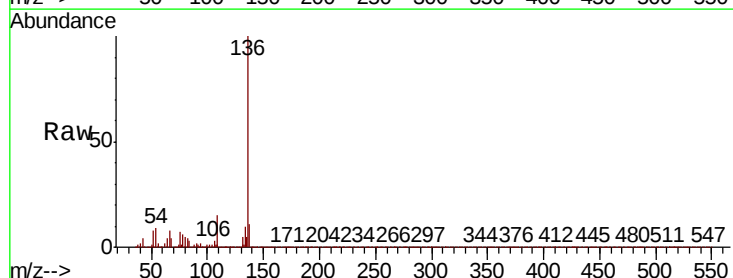
Delta R.T. -0.00 min

Lab File: BP001453.D

Acq: 27 Dec 2019 09:22

Tgt Ion: 136 Resp: 89325

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	9.3	7.3	10.9
68	4.4	3.8	5.6

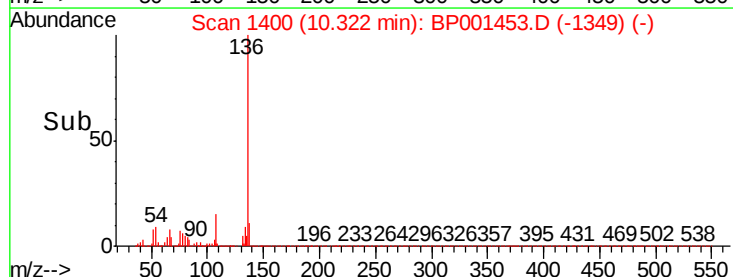
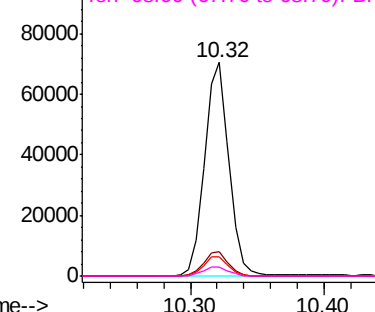


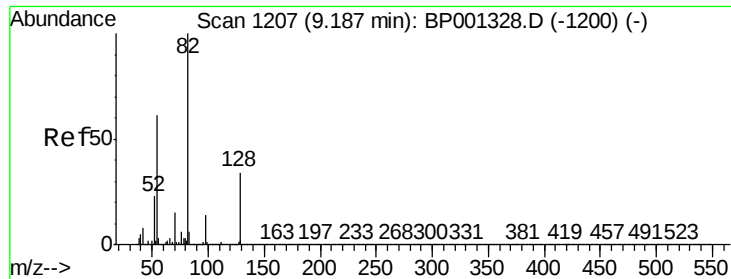
Abundance Ion 136.00 (135.70 to 136.70): E

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

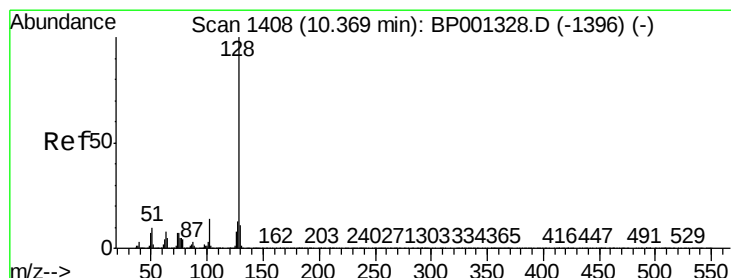
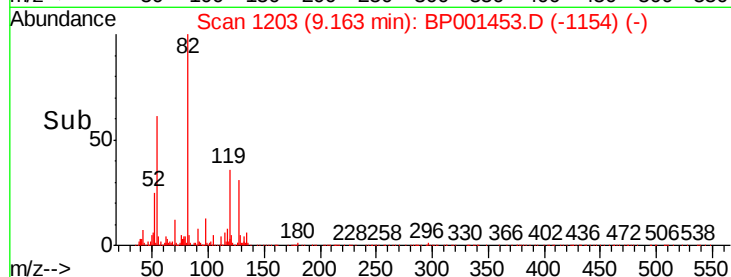
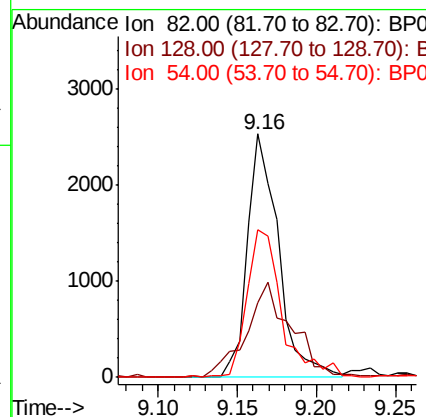
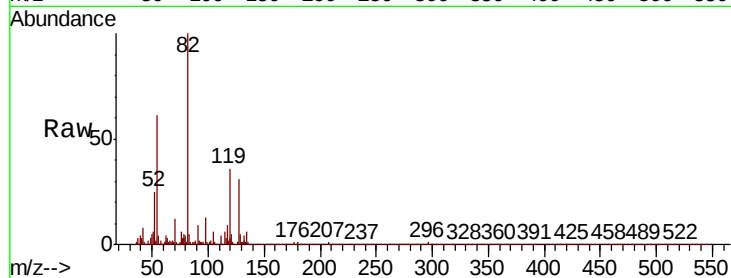




#23
 Nitrobenzene-d5
 Concen: 1.483 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BP001453.D
 Acq: 27 Dec 2019 09:22

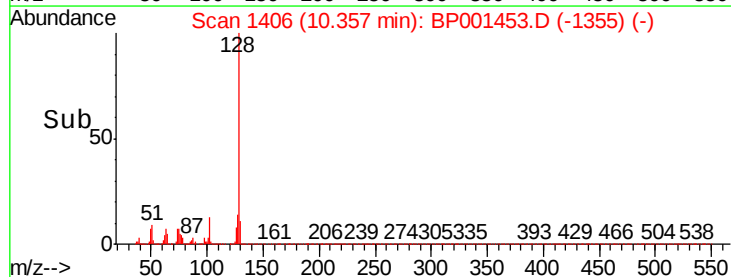
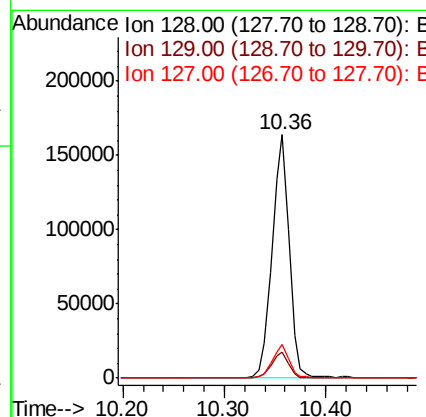
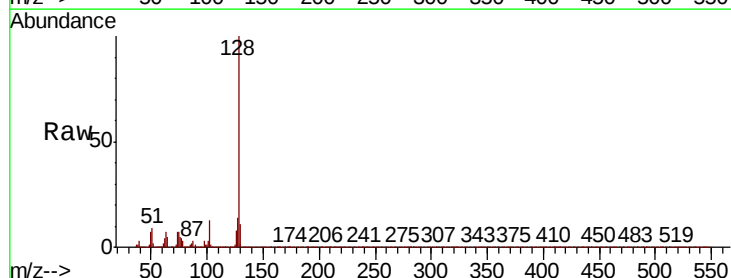
Instrument :
 BNA_P
 ClientSampleId :

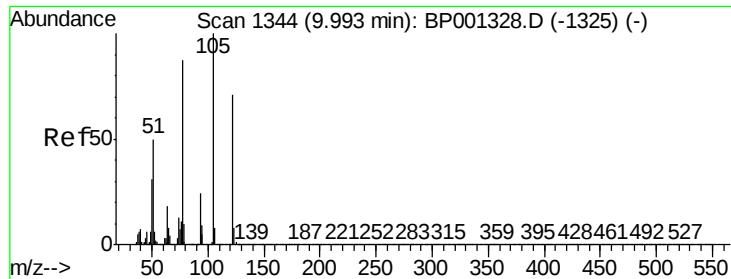
Tot Ion: 82 Resp: 3449
 Ion Ratio Lower Upper
 82 100
 128 30.8 27.4 41.0
 54 60.6 47.5 71.3



#31
 Naphthalene
 Concen: 39.421 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.00 min
 Lab File: BP001453.D
 Acq: 27 Dec 2019 09:22

Tgt Ion: 128 Resp: 192215
 Ion Ratio Lower Upper
 128 100
 129 10.8 8.6 12.8
 127 14.0 11.0 16.6





#32

Benzoic acid

Concen: 5.037 ng

RT: 10.23 min Scan# 1385

Delta R.T. 0.23 min

Lab File: BP001453.D

Acq: 27 Dec 2019 09:22

Instrument :

BNA_P

ClientSampleId :

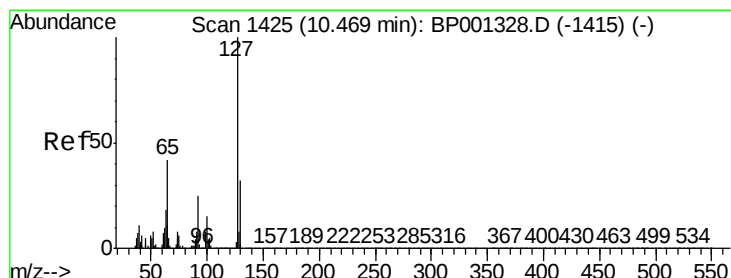
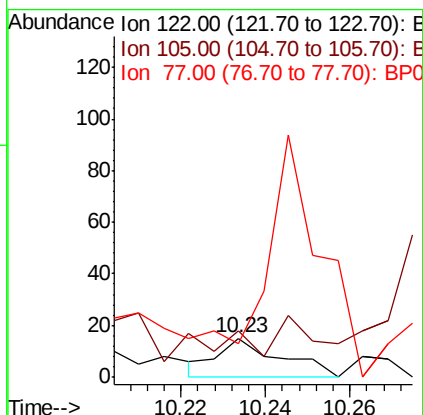
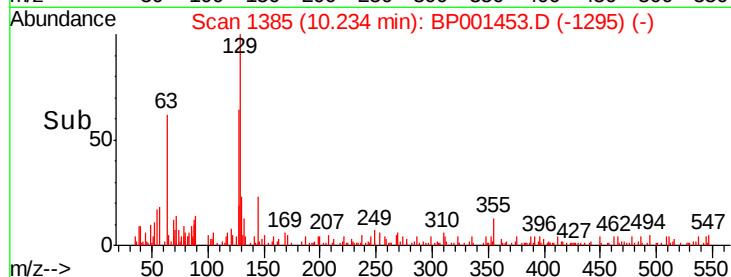
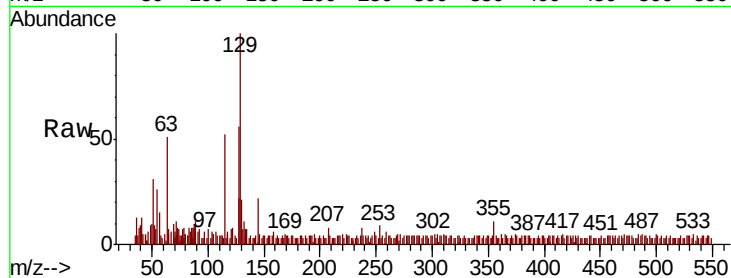
Tot Ion:122 Resp: 16

Ion Ratio Lower Upper

122 100

105 120.0 117.8 157.8

77 86.7 85.6 125.6



#33

4-Chloroaniline

Concen: 13.135 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.09 min

Lab File: BP001453.D

Acq: 27 Dec 2019 09:22

Tgt Ion:127 Resp: 26193

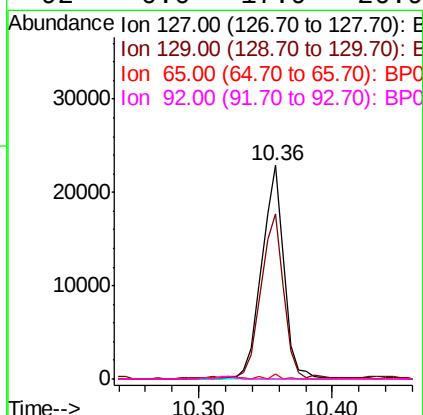
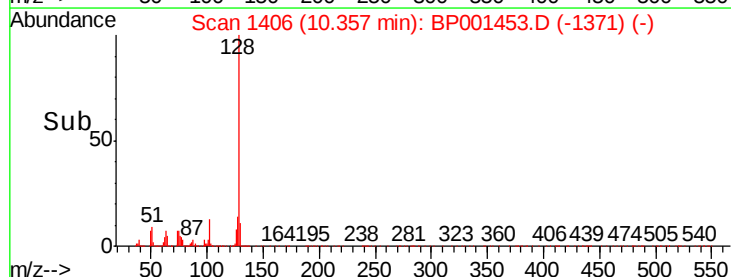
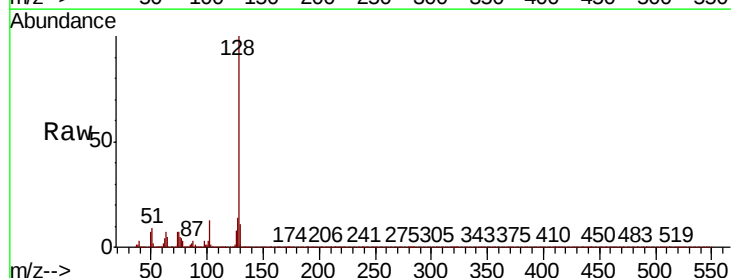
Ion Ratio Lower Upper

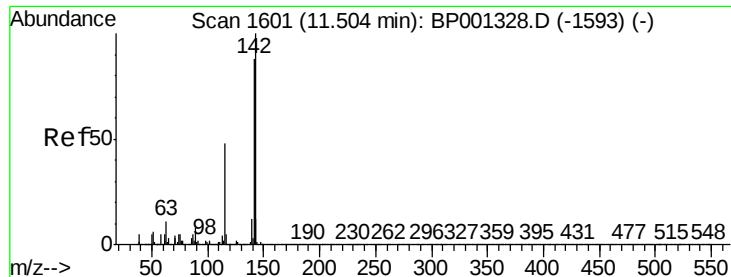
127 100

129 77.4 25.8 38.8#

65 2.2 33.9 50.9#

92 0.0 17.9 26.9#

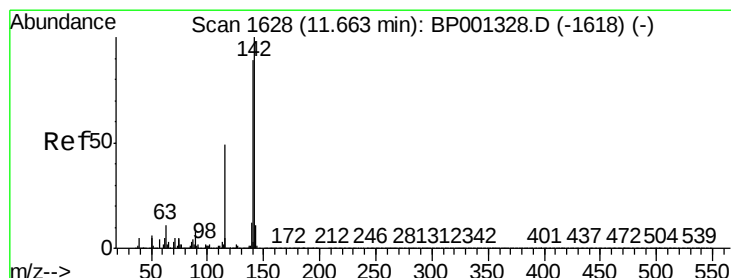
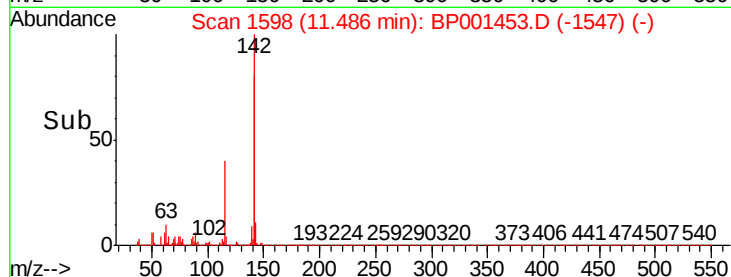
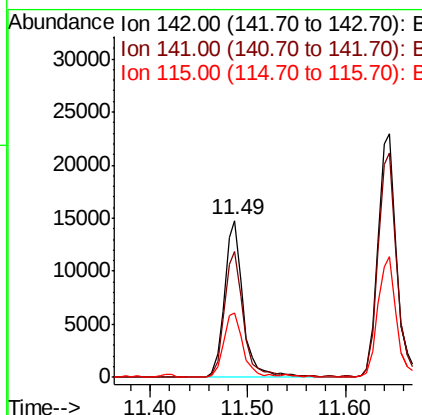
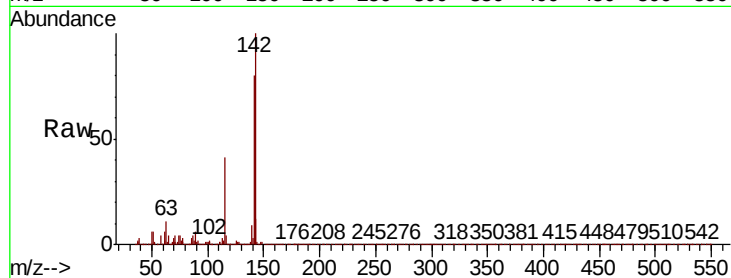




#37
2-Methylnaphthalene
Concen: 5.784 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BP001453.D
Acq: 27 Dec 2019 09:22

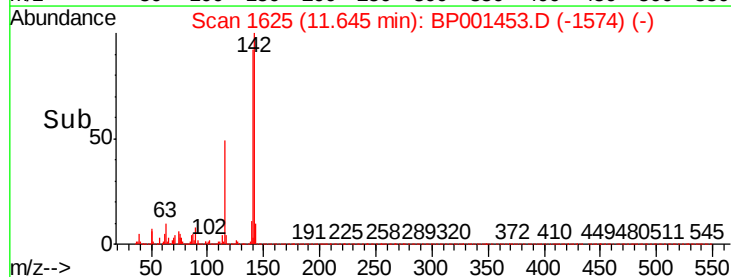
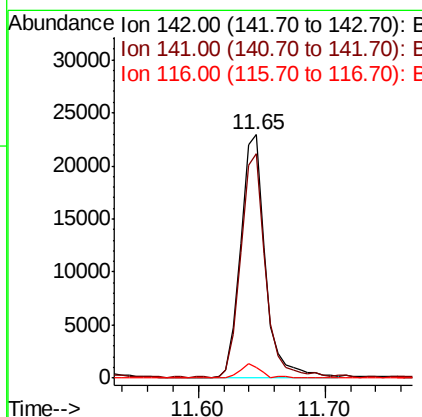
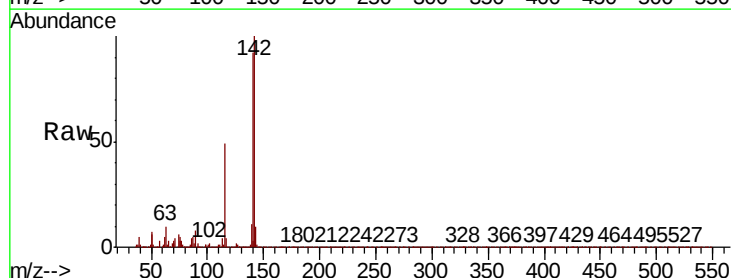
Instrument :
BNA_P
ClientSampleId :

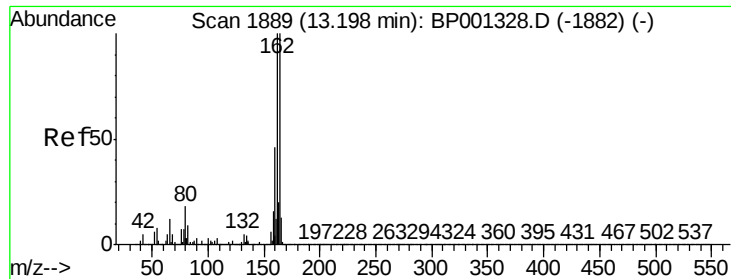
Tot Ion:142 Resp: 19470
Ion Ratio Lower Upper
142 100
141 79.9 70.2 105.2
115 41.0 37.0 55.4



#38
1-Methylnaphthalene
Concen: 9.744 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BP001453.D
Acq: 27 Dec 2019 09:22

Tgt Ion:142 Resp: 30837
Ion Ratio Lower Upper
142 100
141 92.3 72.9 109.3
116 4.4 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001453.D

Acq: 27 Dec 2019 09:22

Instrument :

BNA_P

ClientSampled :

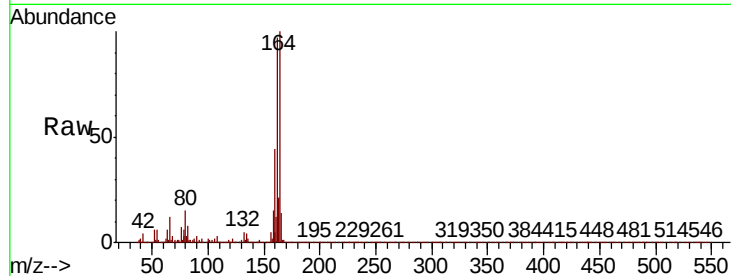
Tot Ion:164 Resp: 54869

Ion Ratio Lower Upper

164 100

162 97.5 78.2 117.4

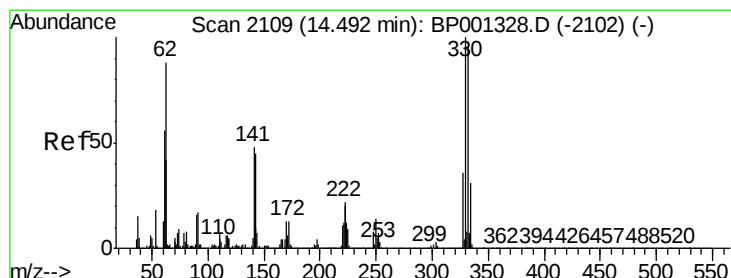
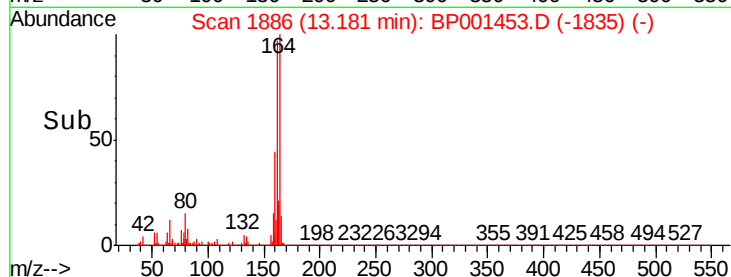
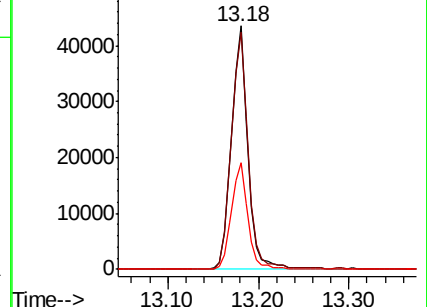
160 43.7 35.1 52.7



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: 2.295 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BP001453.D

Acq: 27 Dec 2019 09:22

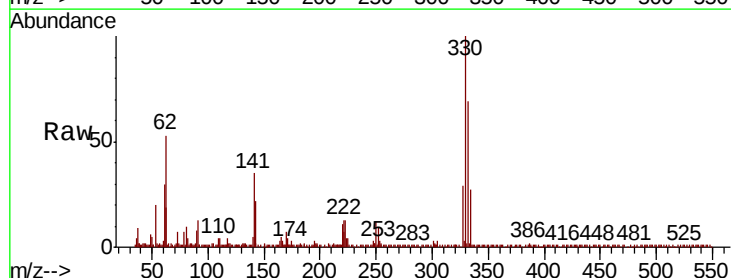
Tgt Ion:330 Resp: 1574

Ion Ratio Lower Upper

330 100

332 89.5 78.3 117.5

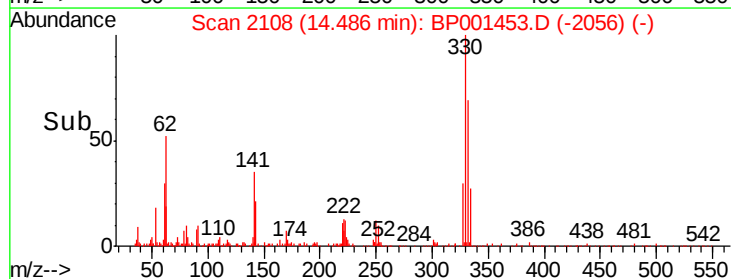
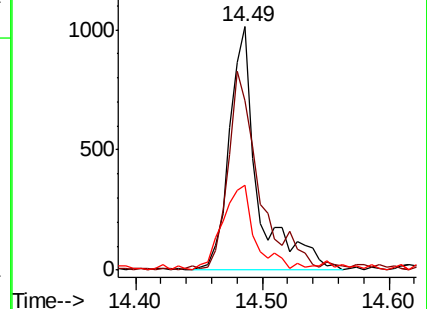
141 40.5 26.8 40.2#

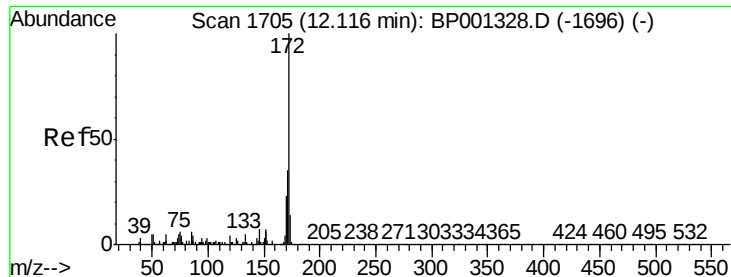


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

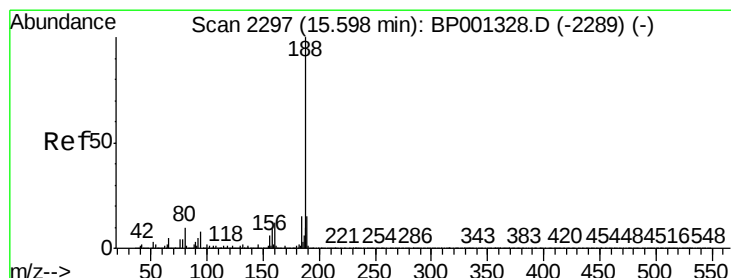
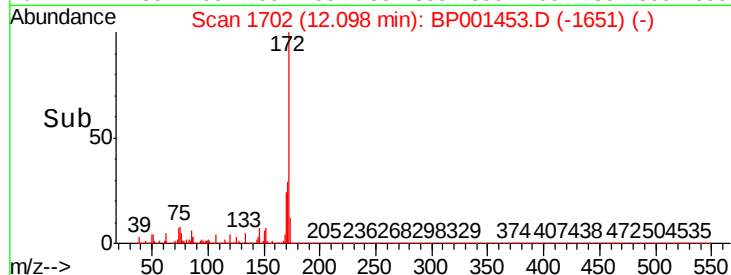
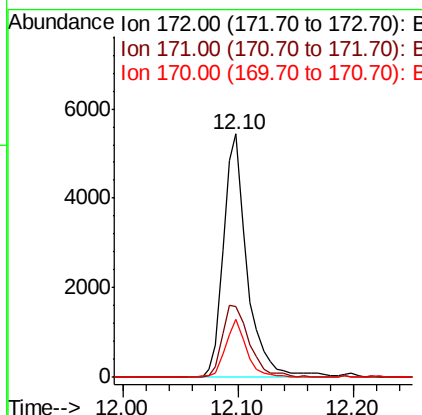
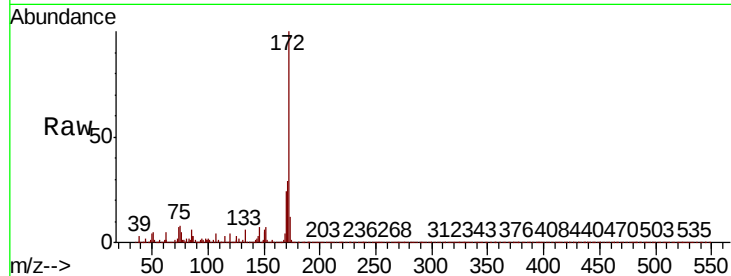




#45
2-Fluorobiphenyl
Concen: 1.778 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001453.D
Acq: 27 Dec 2019 09:22

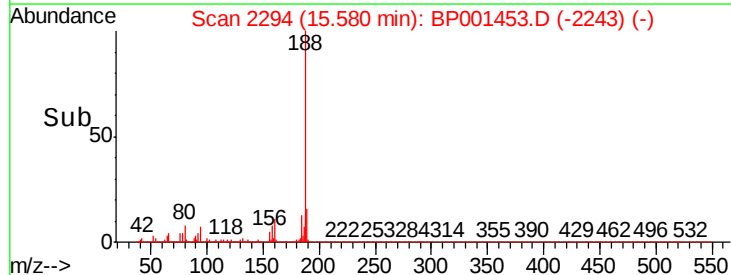
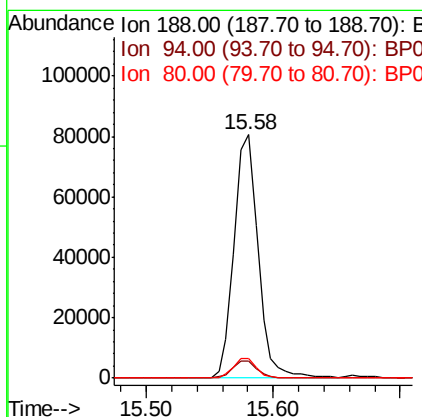
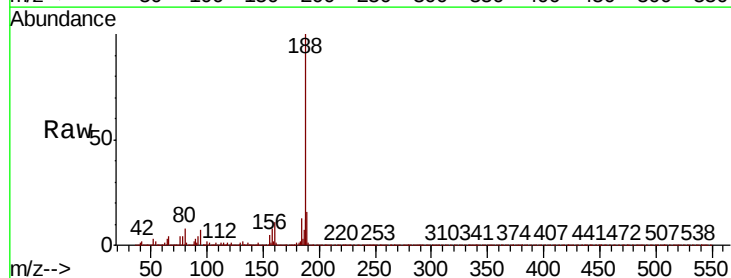
Instrument :
BNA_P
ClientSampleId :

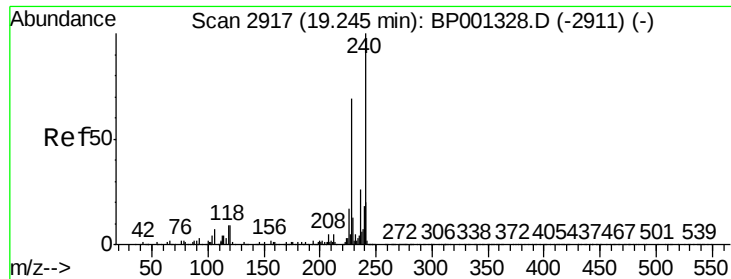
Tot Ion:172 Resp: 7714
Ion Ratio Lower Upper
172 100
171 29.2 27.4 41.0
170 23.8 18.2 27.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001453.D
Acq: 27 Dec 2019 09:22

Tgt Ion:188 Resp: 105881
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.8
80 7.9 5.7 8.5

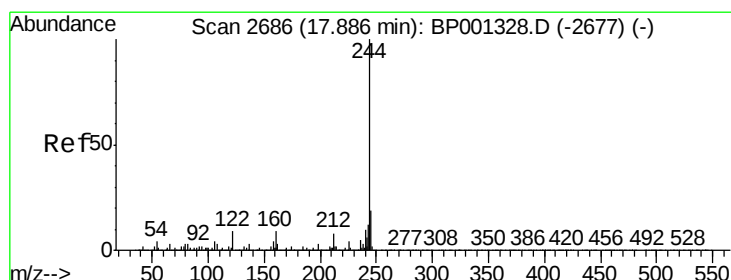
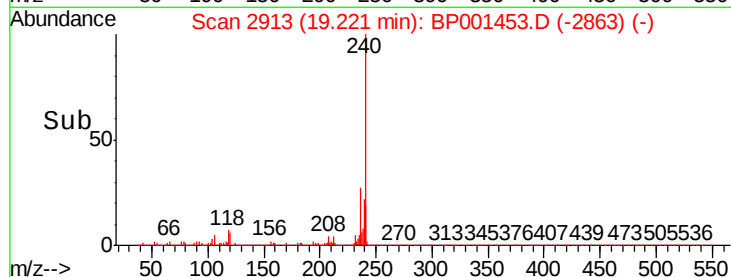
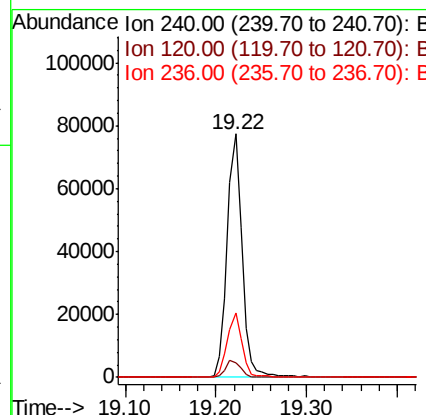
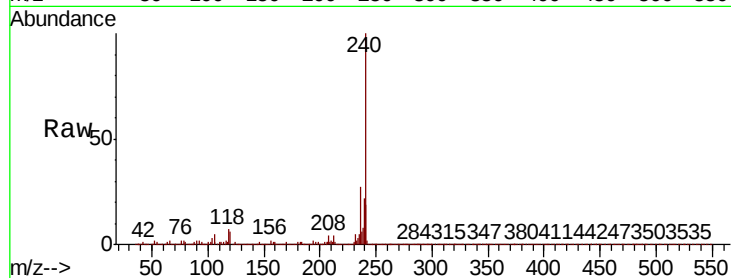




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.22 min Scan# 2913
 Delta R.T. -0.01 min
 Lab File: BP001453.D
 Acq: 27 Dec 2019 09:22

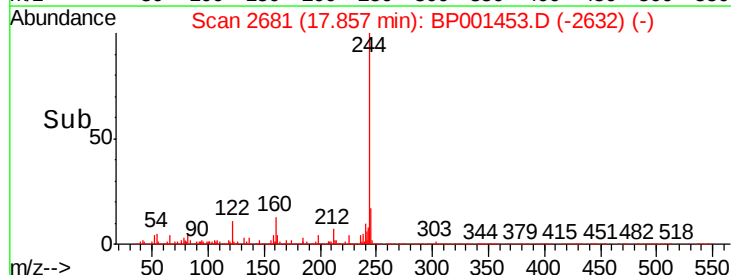
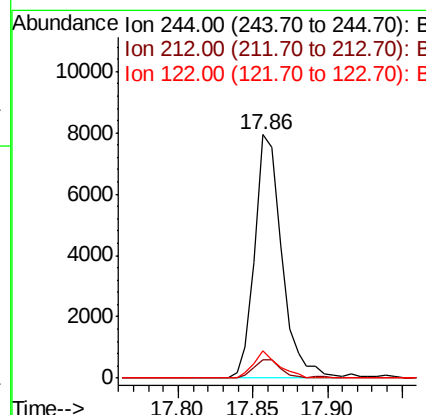
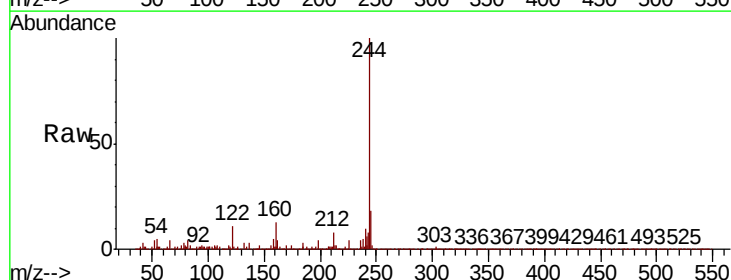
Instrument :
 BNA_P
 ClientSampled :

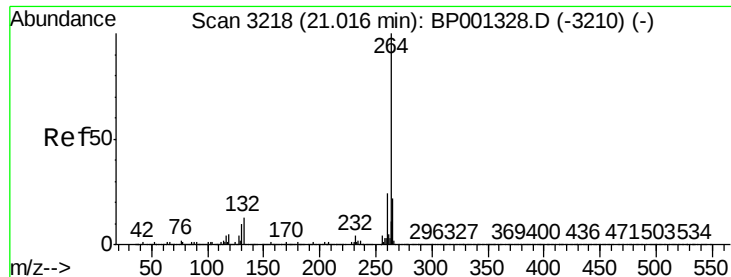
Tot Ion:240 Resp: 88226
 Ion Ratio Lower Upper
 240 100
 120 5.9 6.2 9.2#
 236 26.7 20.2 30.2



#79
 Terphenyl-d14
 Concen: 1.930 ng
 RT: 17.86 min Scan# 2681
 Delta R.T. -0.01 min
 Lab File: BP001453.D
 Acq: 27 Dec 2019 09:22

Tgt Ion:244 Resp: 9944
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 11.1 6.4 9.6#

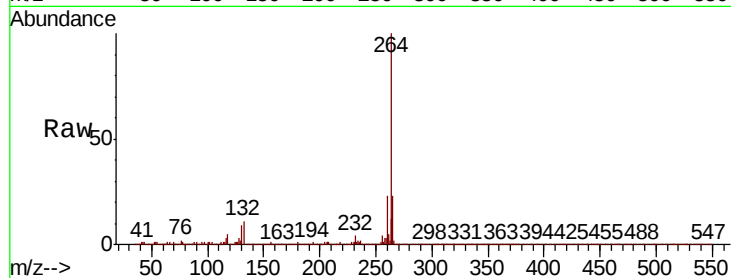




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 20.99 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BP001453.D
 Acq: 27 Dec 2019 09:22

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	264	Resp:	93306
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	22.6	17.0	25.4



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

