

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001369.D
 Acq On : 23 Dec 2019 16:08
 Operator : JU
 Sample : K6372-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 24 01:29:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	51956	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	177595	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	100153	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	192732	20.00	ng	0.00
76) Chrysene-d12	19.25	240	153058	20.00	ng	0.00
87) Perylene-d12	21.03	264	160669	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	184267	57.32	ng	0.01
7) Phenol-d6	7.75	99	141742	33.79	ng	0.00
23) Nitrobenzene-d5	9.19	82	408518	88.33	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	173782	138.79	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	708726	89.48	ng	0.00
79) Terphenyl-d14	17.89	244	867581	97.08	ng	0.00

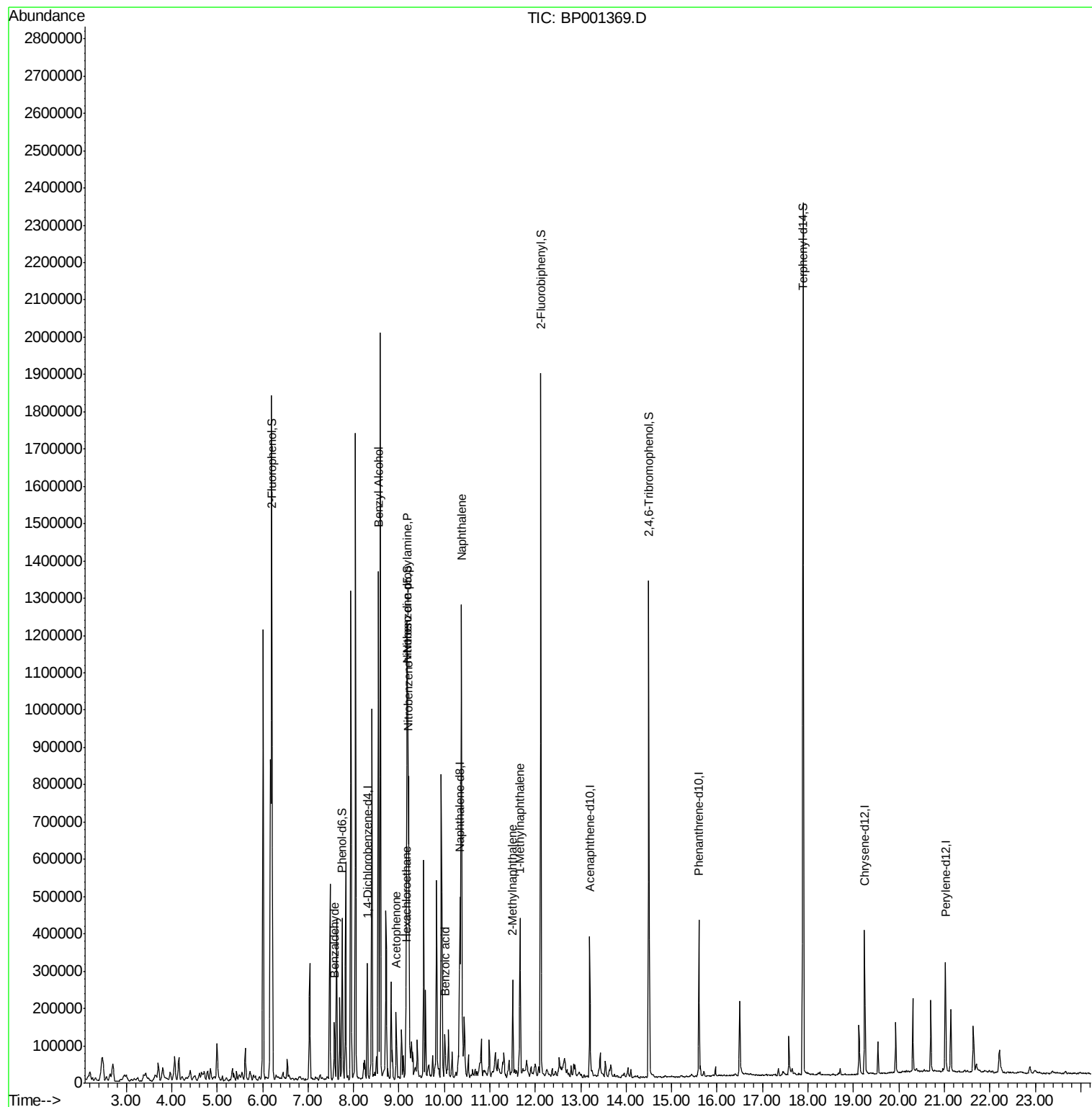
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	7.58	77	10688	3.632	ng	# 1
15) Benzyl Alcohol	8.55	79	9397	2.387	ng	# 55
18) Hexachloroethane	9.15	117	79450	45.537	ng	# 8
19) n-Nitroso-di-n-propylamine	9.19	70	65447	21.977	ng	# 80
22) Acetophenone	8.94	105	83272	14.828	ng	# 53
24) Nitrobenzene	9.21	77	21093	4.634	ng	# 1
31) Naphthalene	10.37	128	627320	64.710	ng	99
32) Benzoic acid	10.02	122	1697	5.810	ng	# 20
37) 2-Methylnaphthalene	11.50	142	75988	11.354	ng	100
38) 1-Methylnaphthalene	11.66	142	111765	17.763	ng	99

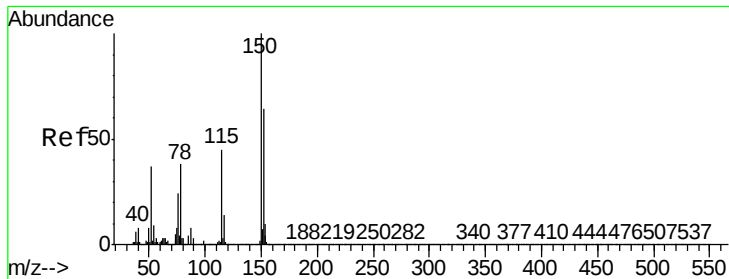
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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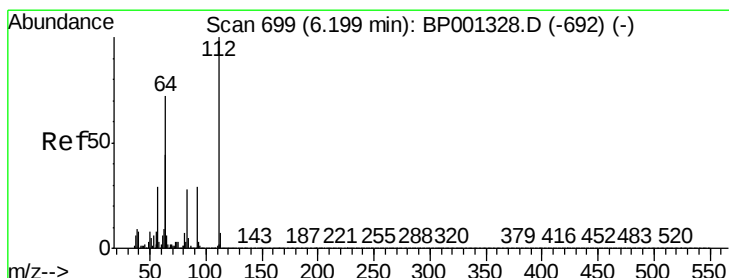
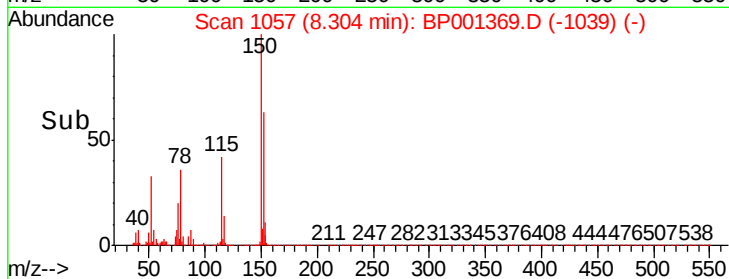
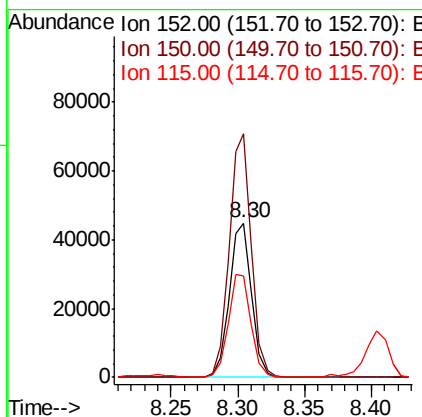
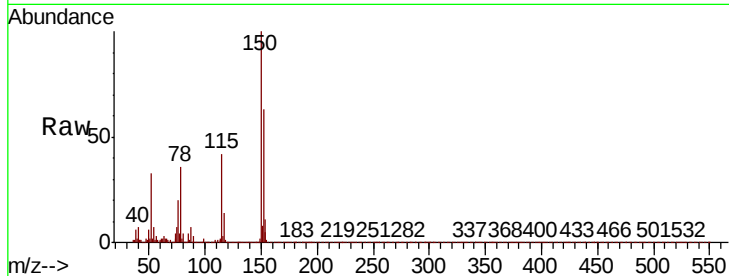




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: BP001369.D
 Acq: 23 Dec 2019 16:08

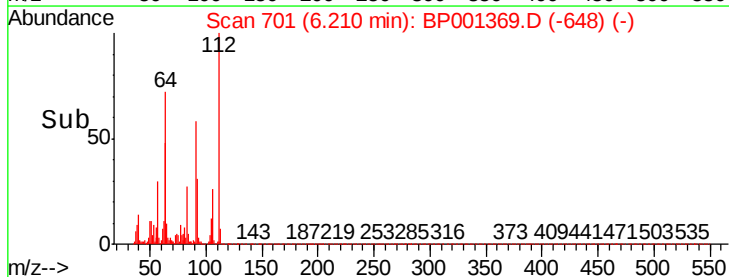
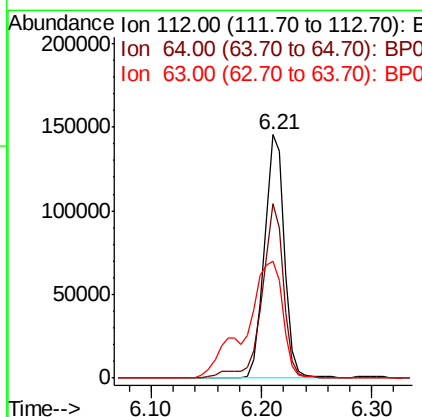
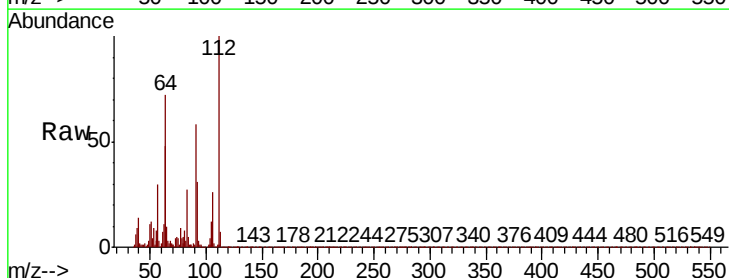
Instrument :
 BNA_P
 ClientSampleId :

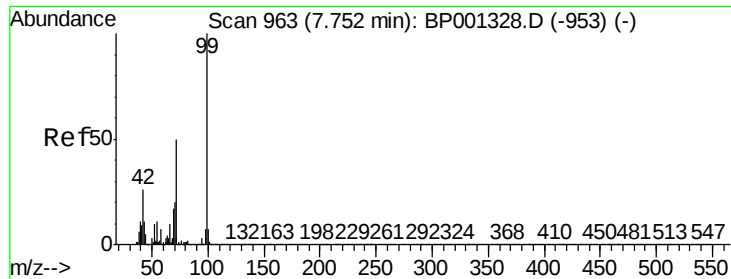
Tot Ion:	152	Resp:	51956
Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.0	186.0
115	65.9	59.3	88.9



#5
 2-Fluorophenol
 Concen: 57.320 ng
 RT: 6.21 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BP001369.D
 Acq: 23 Dec 2019 16:08

Tgt Ion:	112	Resp:	184267
Ion	Ratio	Lower	Upper
112	100		
64	71.6	57.6	86.4
63	48.1	35.1	52.7





#7

Phenol-d6

Concen: 33.790 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001369.D

Acq: 23 Dec 2019 16:08

Instrument :

BNA_P

ClientSampleId :

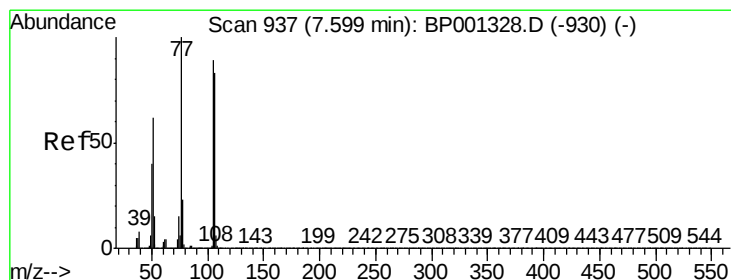
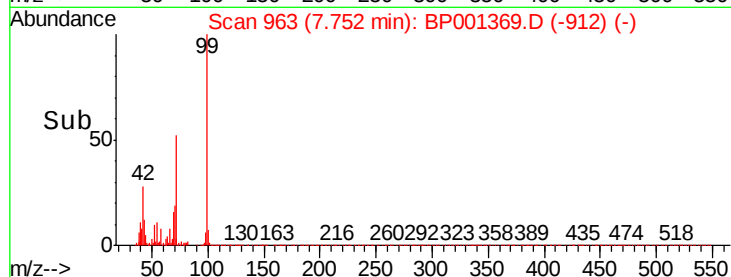
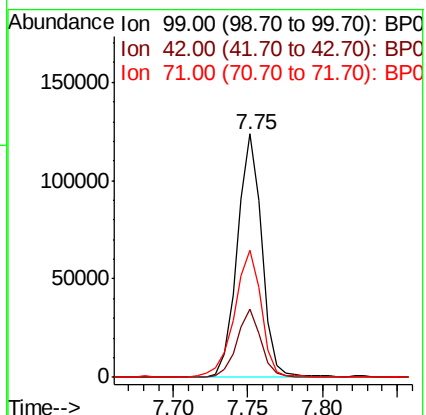
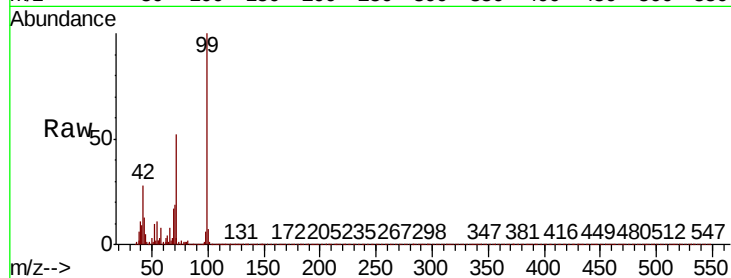
Tot Ion: 99 Resp: 141742

Ion Ratio Lower Upper

99 100

42 27.8 20.9 31.3

71 52.2 40.0 60.0



#9

Benzaldehyde

Concen: 3.632 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.02 min

Lab File: BP001369.D

Acq: 23 Dec 2019 16:08

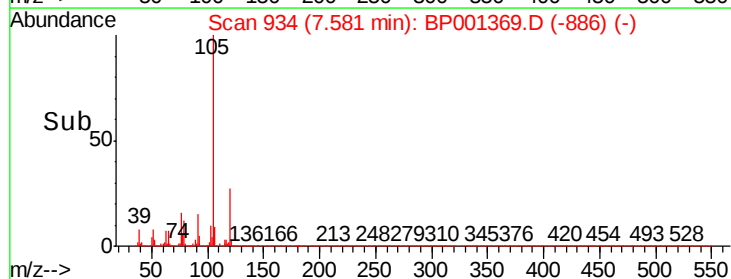
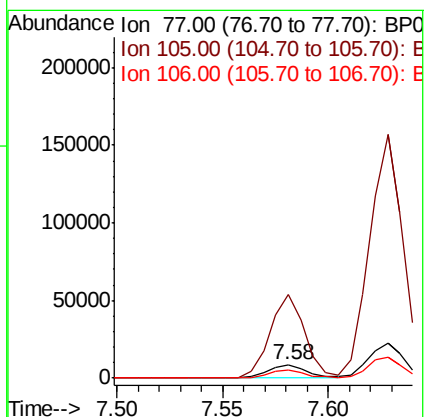
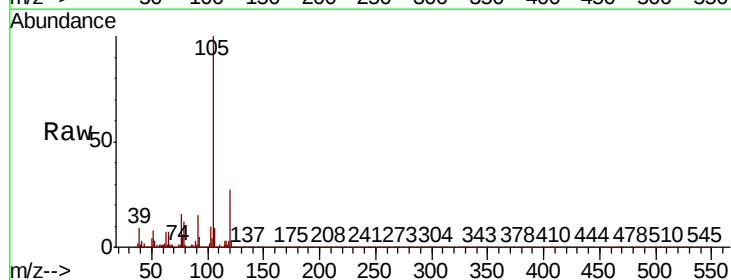
Tgt Ion: 77 Resp: 10688

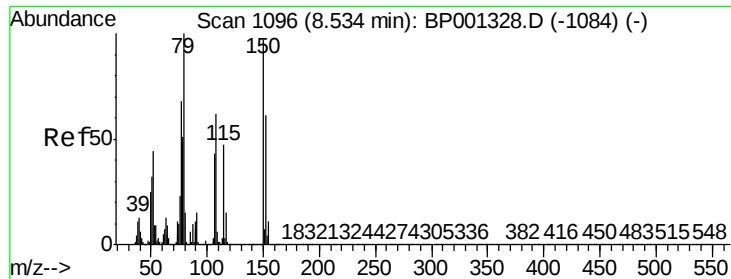
Ion Ratio Lower Upper

77 100

105 627.6 68.6 108.6#

106 56.4 62.5 102.5#

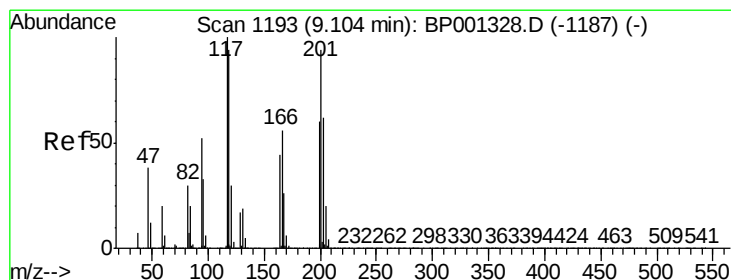
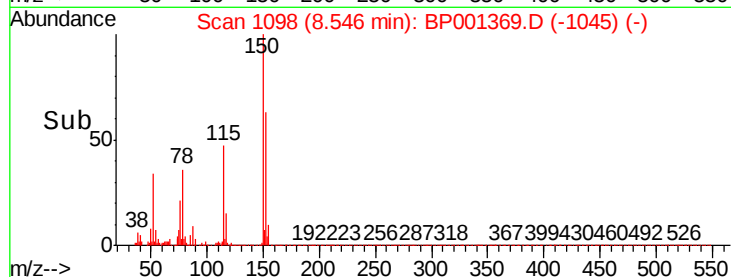
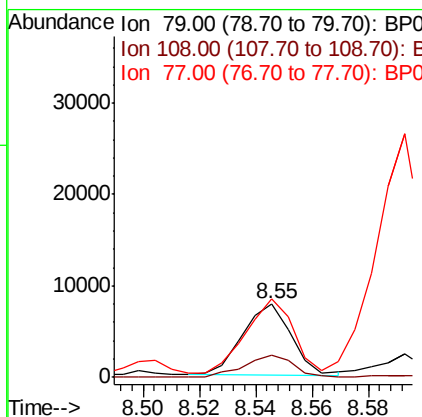
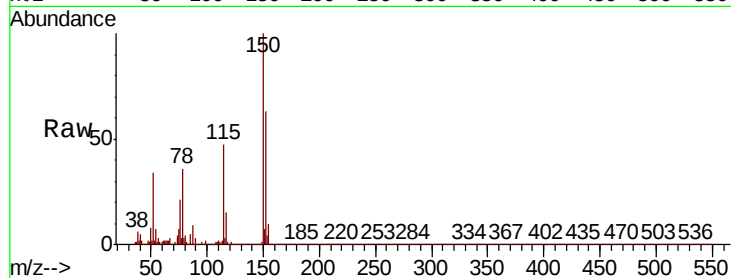




#15
Benzyl Alcohol
Concen: 2.387 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

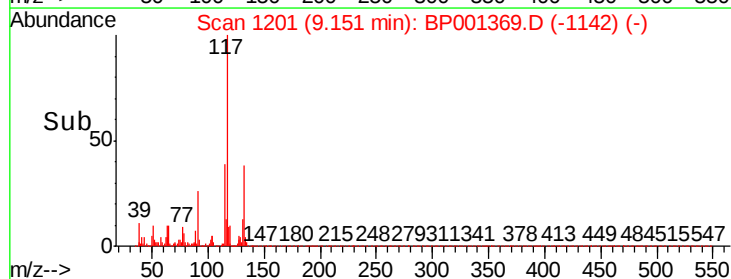
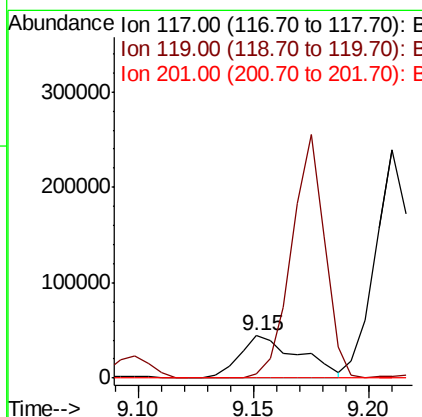
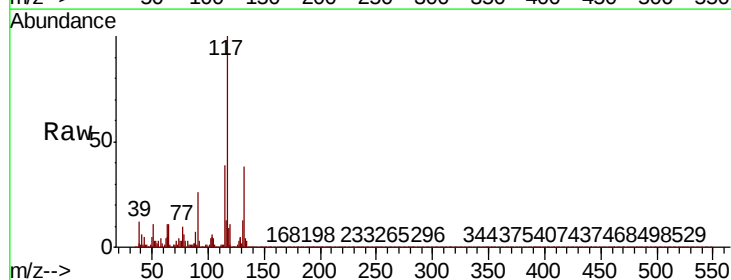
Instrument :
BNA_P
ClientSampleId :

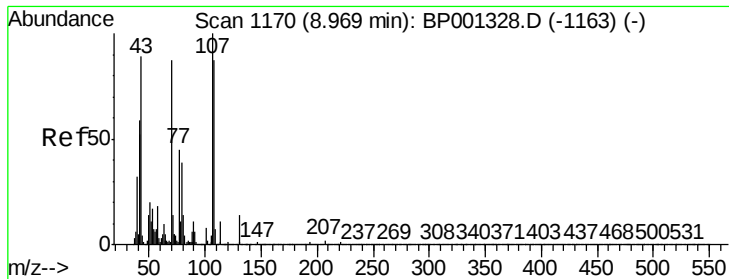
Tot Ion	Ratio	Lower	Upper
79	100		
108	29.8	49.3	73.9#
77	106.9	54.4	81.6#



#18
Hexachloroethane
Concen: 45.537 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.05 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	10.9	75.0	112.4#
201	0.0	75.6	113.4#

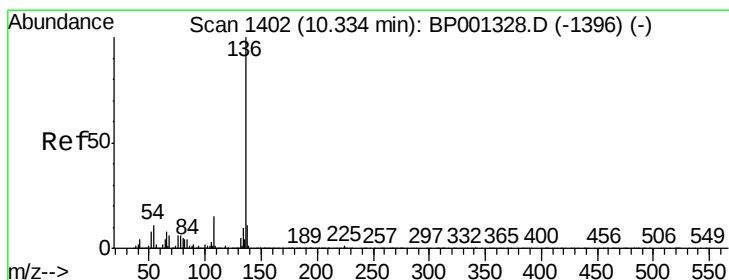
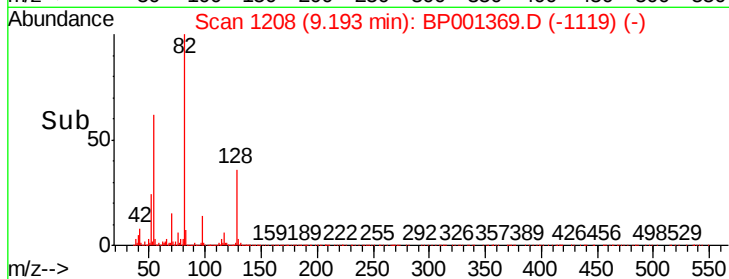
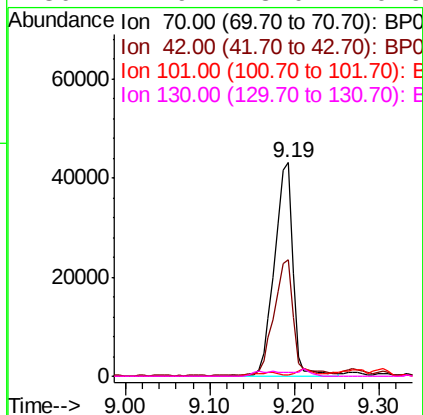
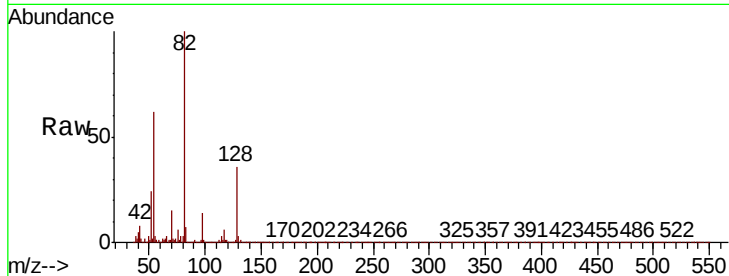




#19
n-Nitroso-di-n-propylamine
Concen: 21.977 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.22 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

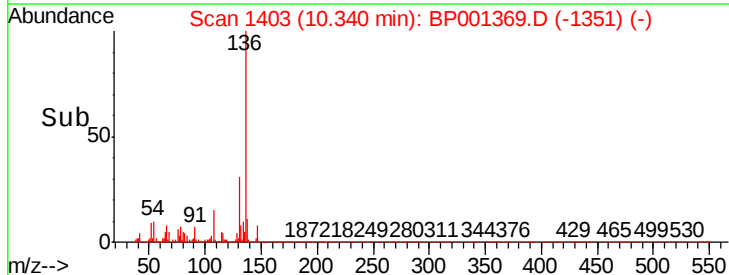
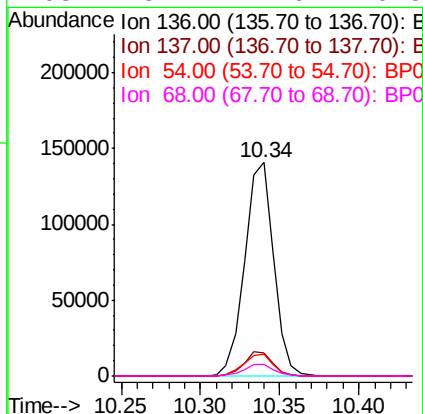
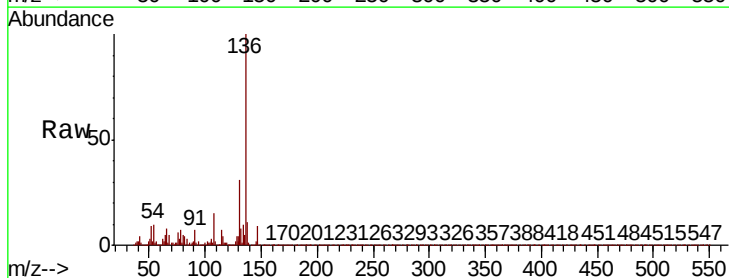
Instrument :
BNA_P
ClientSampleId :

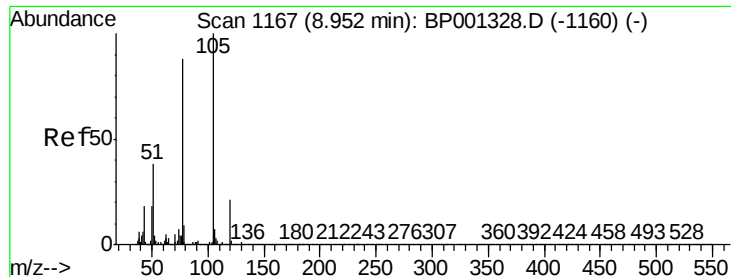
Tot Ion	Ratio	Lower	Upper
70	100		
42	54.4	54.1	81.1
101	0.9	7.0	10.4#
130	1.9	13.0	19.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.0	8.8	13.2
68	5.4	4.6	6.8

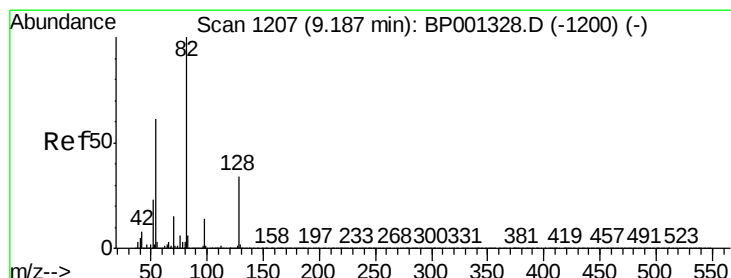
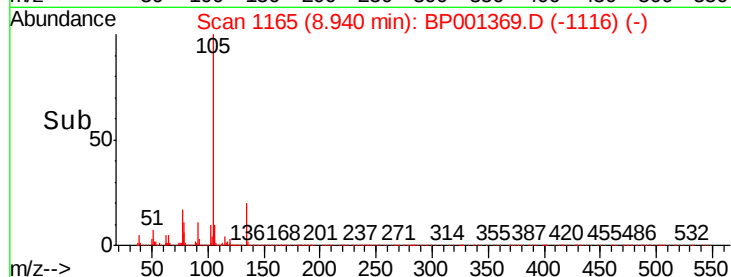
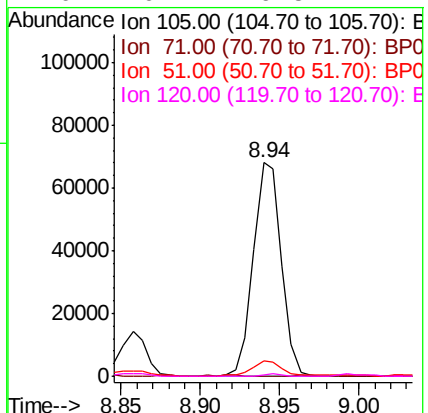
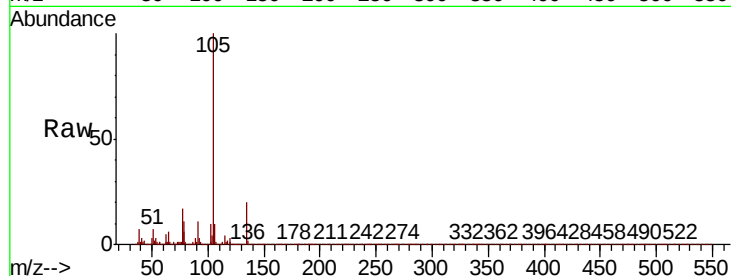




#22
Acetophenone
Concen: 14.828 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

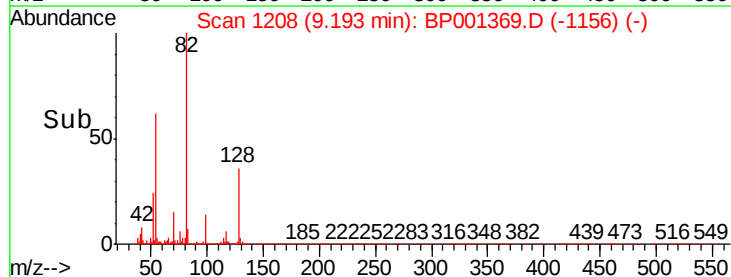
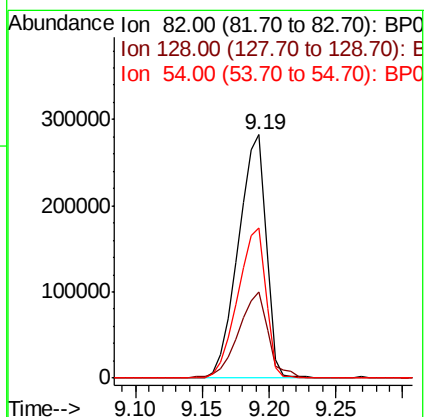
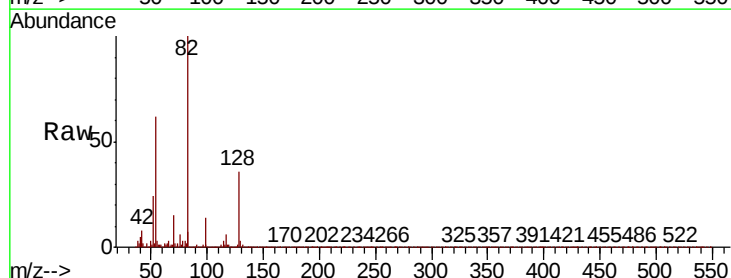
Instrument :
BNA_P
ClientSampleId :

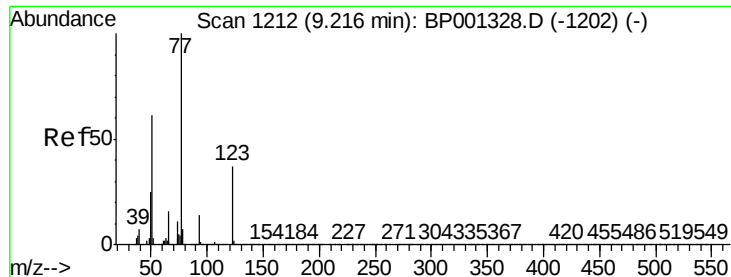
Tot Ion:	105	Resp:	83272
Ion	Ratio	Lower	Upper
105	100		
71	0.1	0.8	1.2#
51	7.4	30.6	45.8#
120	0.7	16.5	24.7#



#23
Nitrobenzene-d5
Concen: 88.334 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

Tgt Ion:	82	Resp:	408518
Ion	Ratio	Lower	Upper
82	100		
128	35.6	27.0	40.4
54	61.6	49.0	73.4





#24

Nitrobenzene

Concen: 4.634 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BP001369.D

Acq: 23 Dec 2019 16:08

Instrument :

BNA_P

ClientSampleId :

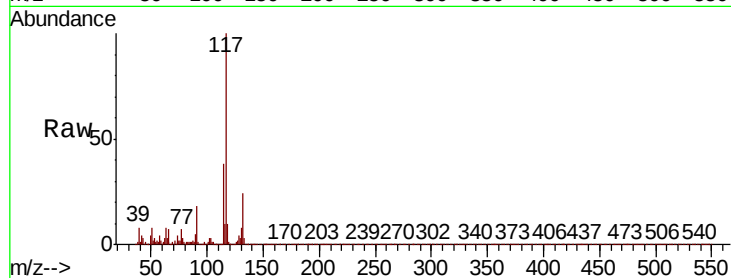
Tot Ion: 77 Resp: 21093

Ion Ratio Lower Upper

77 100

123 0.2 29.4 44.0#

65 99.0 12.4 18.6#

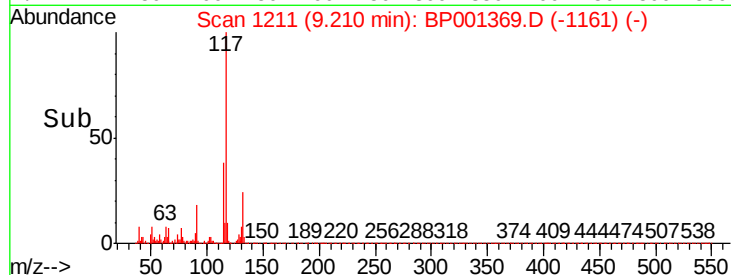


Abundance Ion 77.00 (76.70 to 77.70): BP001328.D (-1202) (-)

Ion 123.00 (122.70 to 123.70): BP001328.D (-1202) (-)

Ion 65.00 (64.70 to 65.70): BP001328.D (-1202) (-)

Time-->

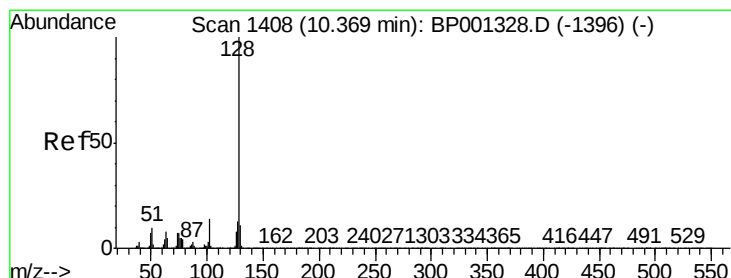


Abundance Ion 77.00 (76.70 to 77.70): BP001369.D (-1161) (-)

Ion 123.00 (122.70 to 123.70): BP001369.D (-1161) (-)

Ion 65.00 (64.70 to 65.70): BP001369.D (-1161) (-)

Time-->



#31

Naphthalene

Concen: 64.710 ng

RT: 10.37 min Scan# 1409

Delta R.T. 0.01 min

Lab File: BP001369.D

Acq: 23 Dec 2019 16:08

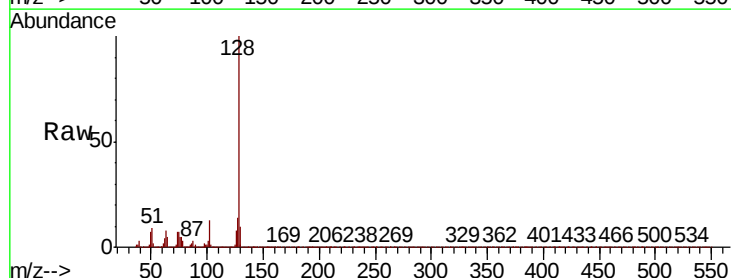
Tgt Ion: 128 Resp: 627320

Ion Ratio Lower Upper

128 100

129 10.4 8.9 13.3

127 13.6 10.7 16.1

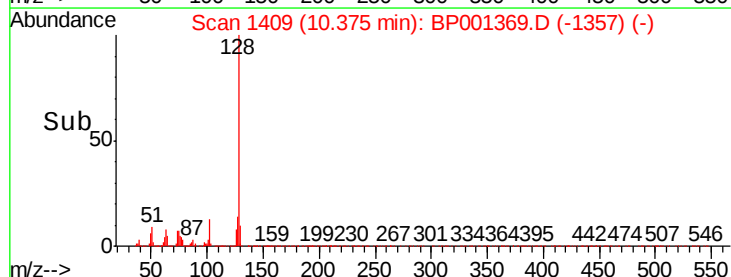


Abundance Ion 128.00 (127.70 to 128.70): BP001328.D (-1396) (-)

Ion 129.00 (128.70 to 129.70): BP001328.D (-1396) (-)

Ion 127.00 (126.70 to 127.70): BP001328.D (-1396) (-)

Time-->

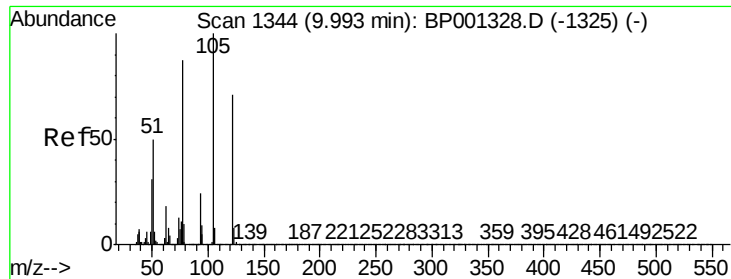


Abundance Ion 128.00 (127.70 to 128.70): BP001369.D (-1357) (-)

Ion 129.00 (128.70 to 129.70): BP001369.D (-1357) (-)

Ion 127.00 (126.70 to 127.70): BP001369.D (-1357) (-)

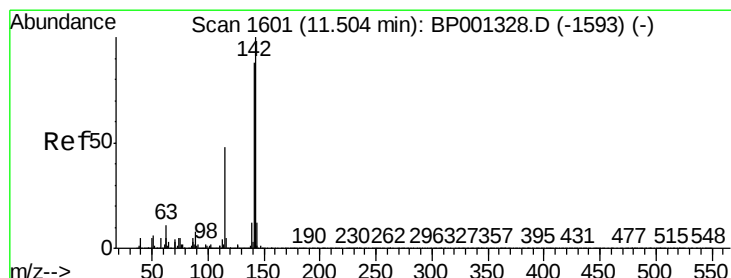
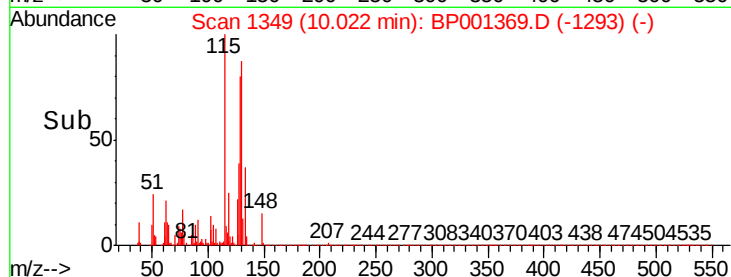
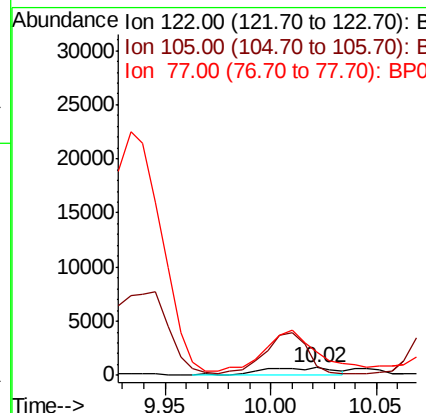
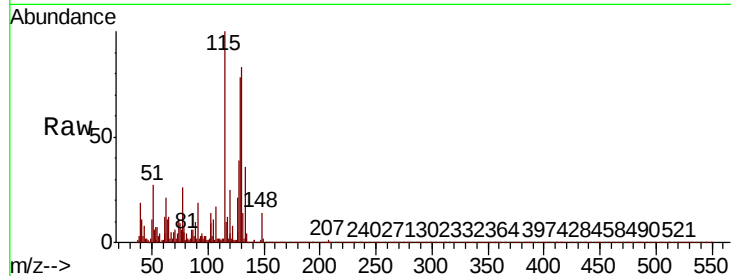
Time-->



#32
Benzoic acid
Concen: 5.810 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.03 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

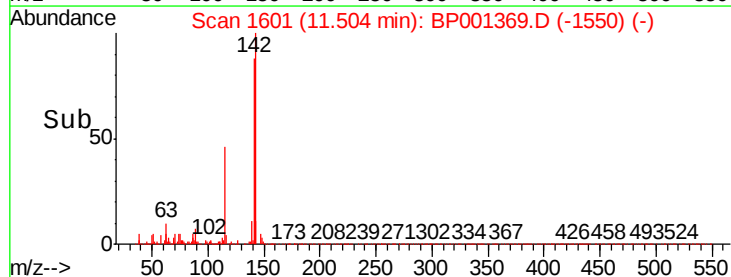
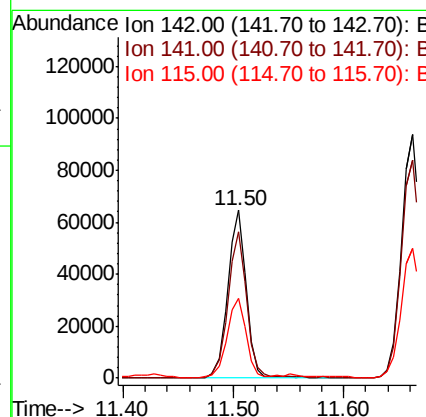
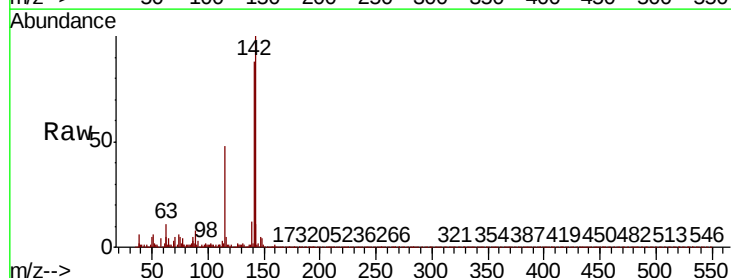
Instrument :
BNA_P
ClientSampleId :

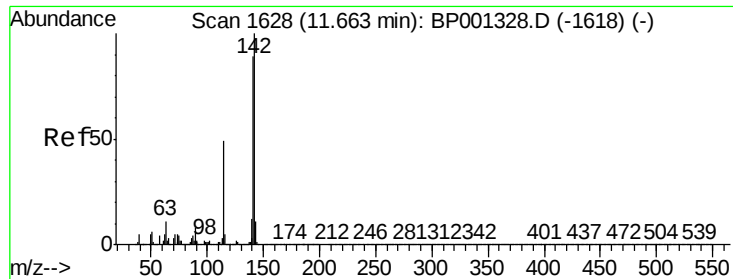
Tot Ion:122 Resp: 1697
Ion Ratio Lower Upper
122 100
105 133.0 118.5 158.5
77 306.7 101.3 141.3#



#37
2-Methylnaphthalene
Concen: 11.354 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

Tgt Ion:142 Resp: 75988
Ion Ratio Lower Upper
142 100
141 87.7 70.2 105.4
115 47.8 38.7 58.1

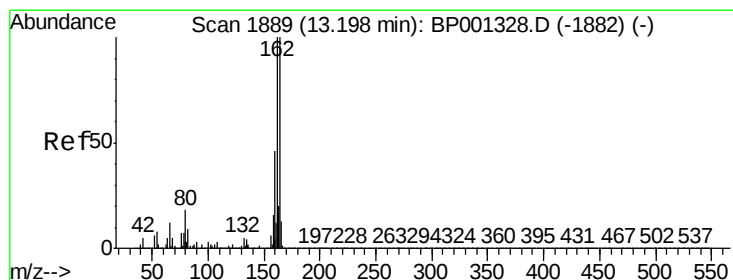
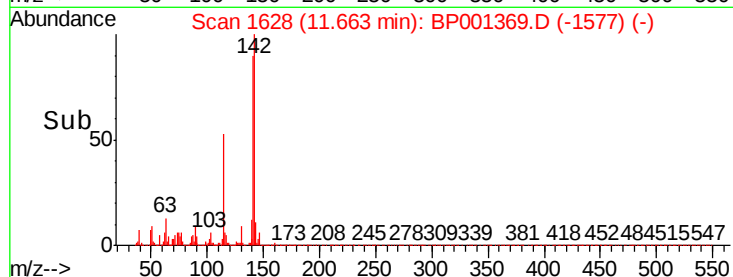
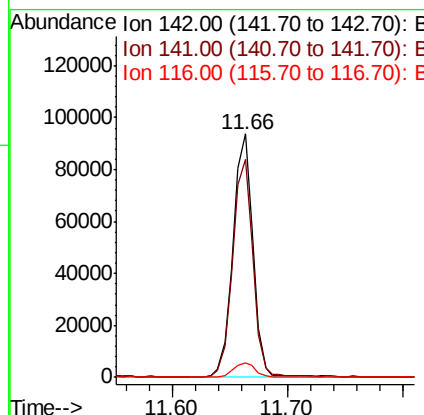
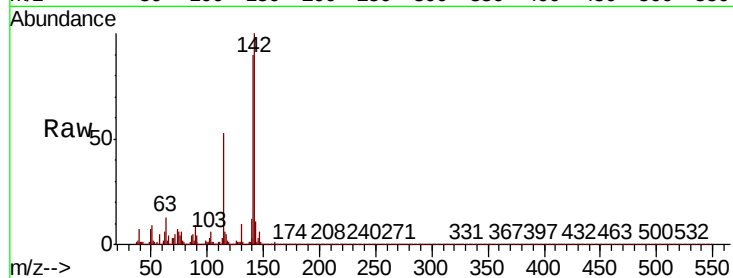




#38
 1-Methylnaphthalene
 Concen: 17.763 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BP001369.D
 Acq: 23 Dec 2019 16:08

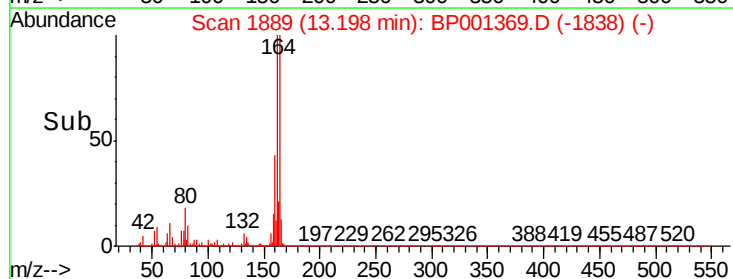
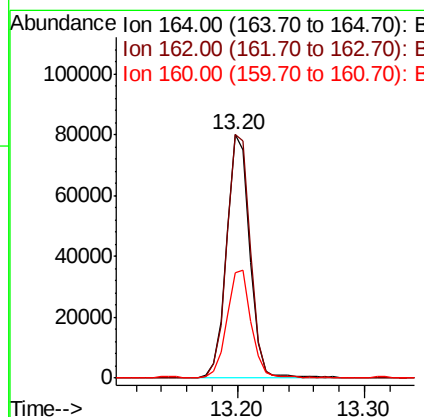
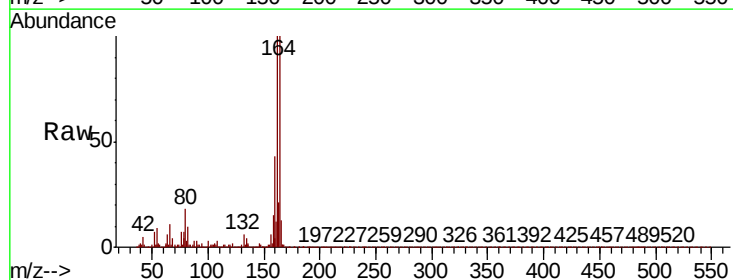
Instrument :
 BNA_P
 ClientSampleId :

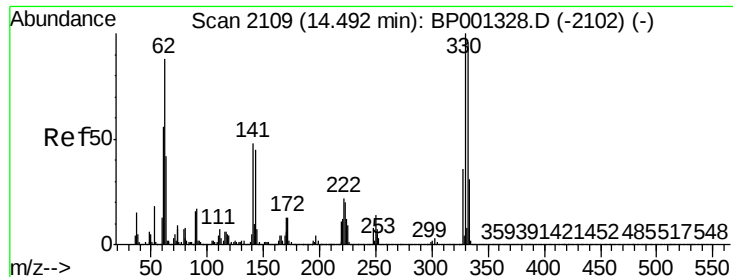
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
116	6.1	4.2	6.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: BP001369.D
 Acq: 23 Dec 2019 16:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.3	120.5
160	43.1	36.6	54.8

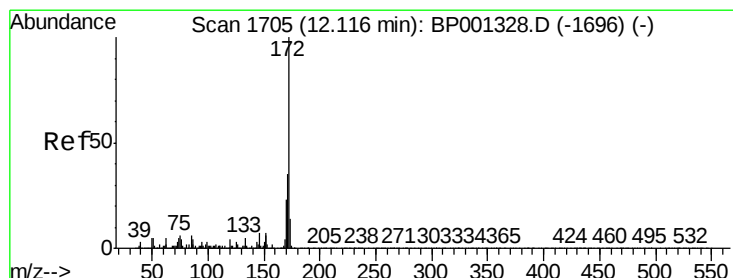
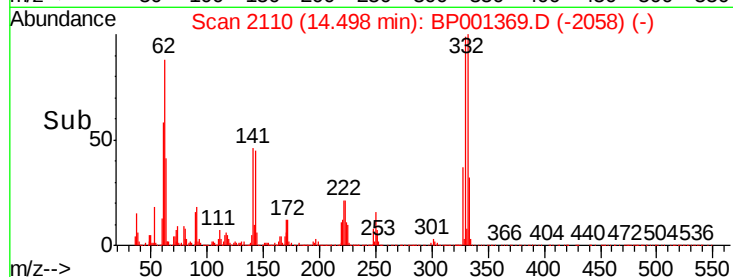
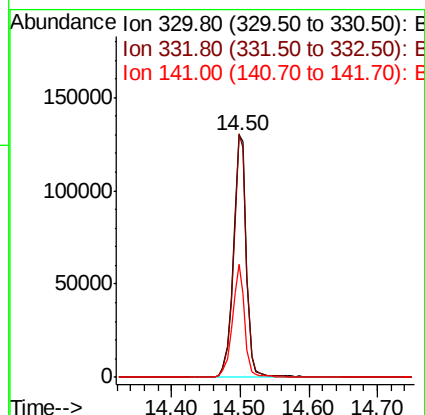
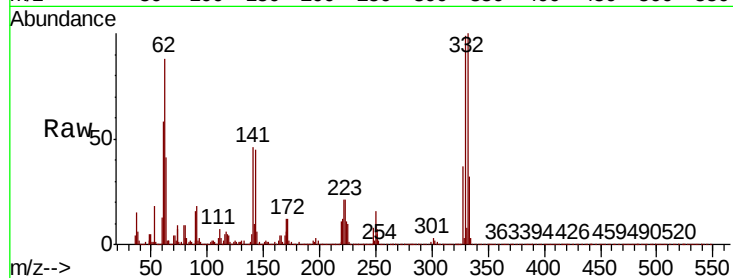




#42
2,4,6-Tribromophenol
Concen: 138.788 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

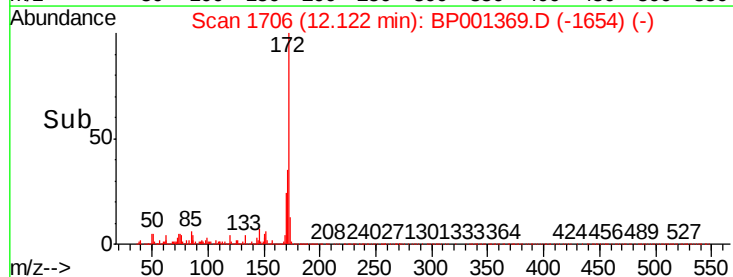
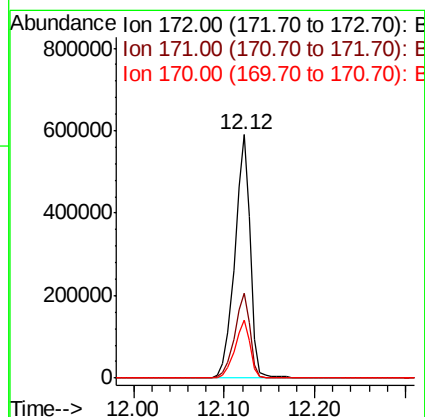
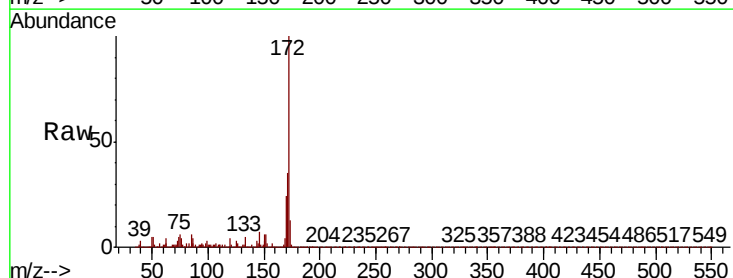
Instrument :
BNA_P
ClientSampleId :

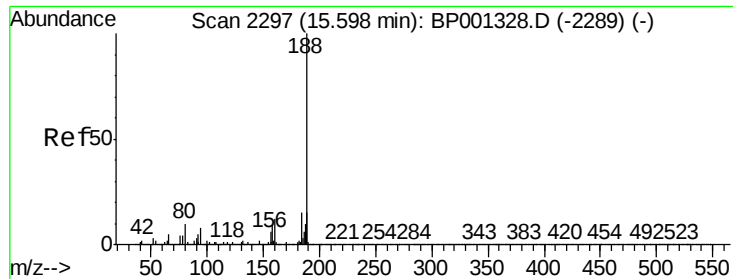
Tot Ion:330 Resp: 173782
Ion Ratio Lower Upper
330 100
332 97.4 78.7 118.1
141 44.0 36.2 54.4



#45
2-Fluorobiphenyl
Concen: 89.481 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001369.D
Acq: 23 Dec 2019 16:08

Tgt Ion:172 Resp: 708726
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BP001369.D

Acq: 23 Dec 2019 16:08

Instrument :

BNA_P

ClientSampleId :

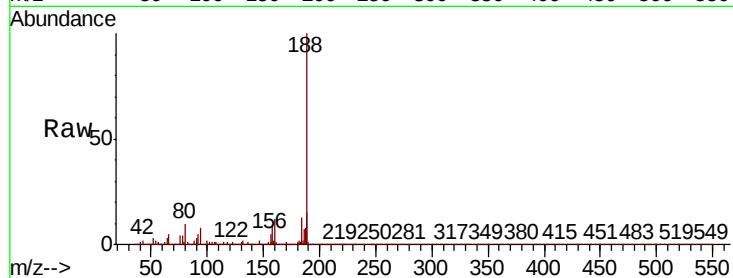
Tot Ion:188 Resp: 192732

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

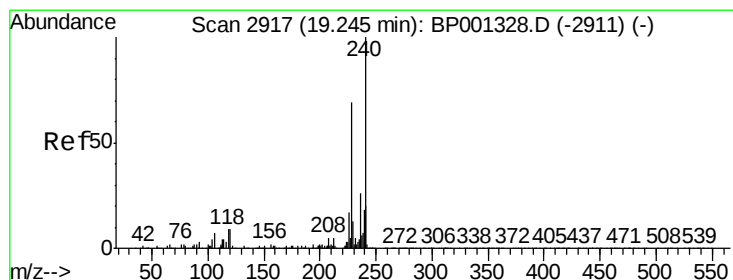
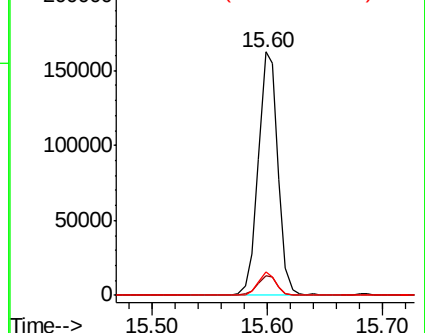
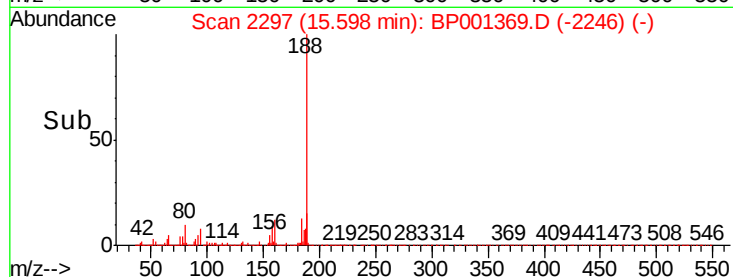
80 9.6 7.8 11.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.25 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BP001369.D

Acq: 23 Dec 2019 16:08

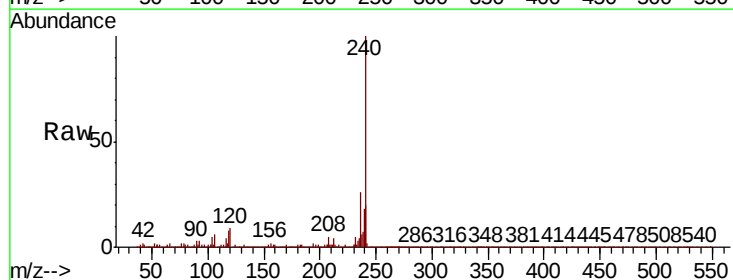
Tgt Ion:240 Resp: 153058

Ion Ratio Lower Upper

240 100

120 9.2 7.6 11.4

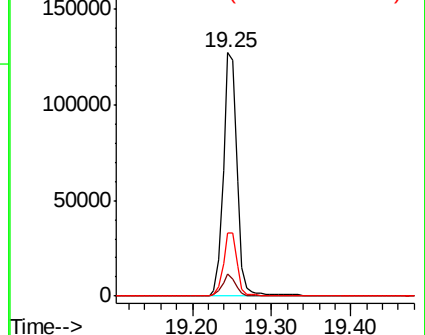
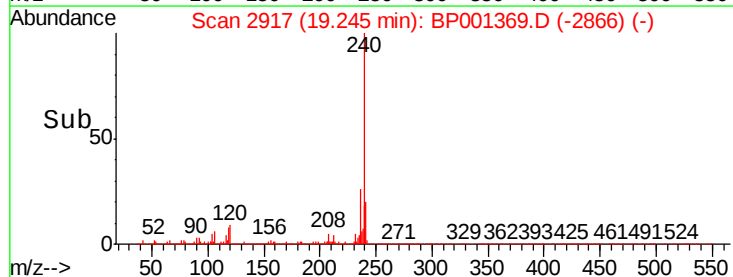
236 26.2 21.0 31.4

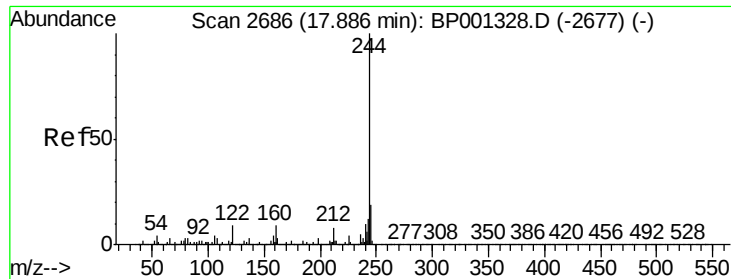


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

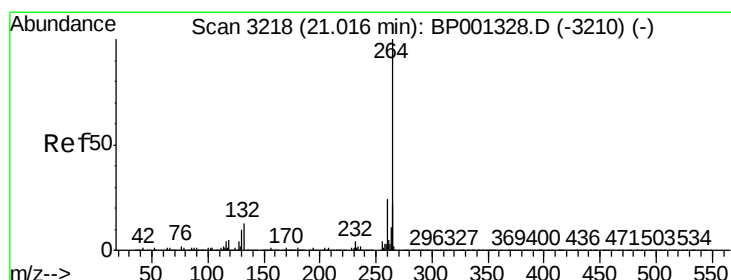
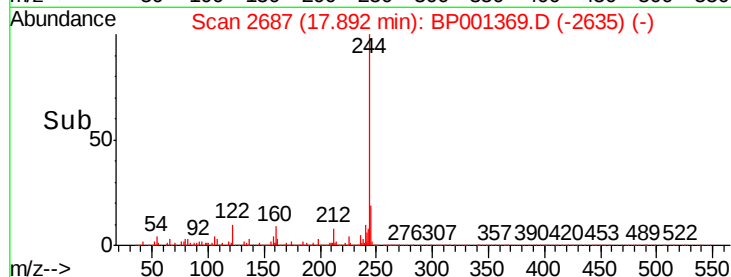
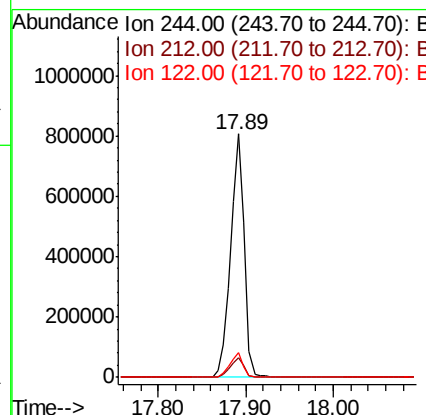
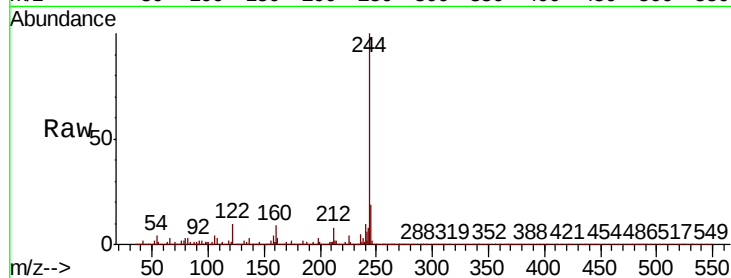




#79
 Terphenyl-d14
 Concen: 97.085 ng
 RT: 17.89 min Scan# 2687
 Delta R.T. 0.01 min
 Lab File: BP001369.D
 Acq: 23 Dec 2019 16:08

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 867581
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 10.3 7.6 11.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.03 min Scan# 3220
 Delta R.T. 0.01 min
 Lab File: BP001369.D
 Acq: 23 Dec 2019 16:08

Tgt Ion:264 Resp: 160669
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.2 17.4 26.2

