

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001442.D
 Acq On : 27 Dec 2019 03:54
 Operator : JU
 Sample : K6413-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 10:34:15 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

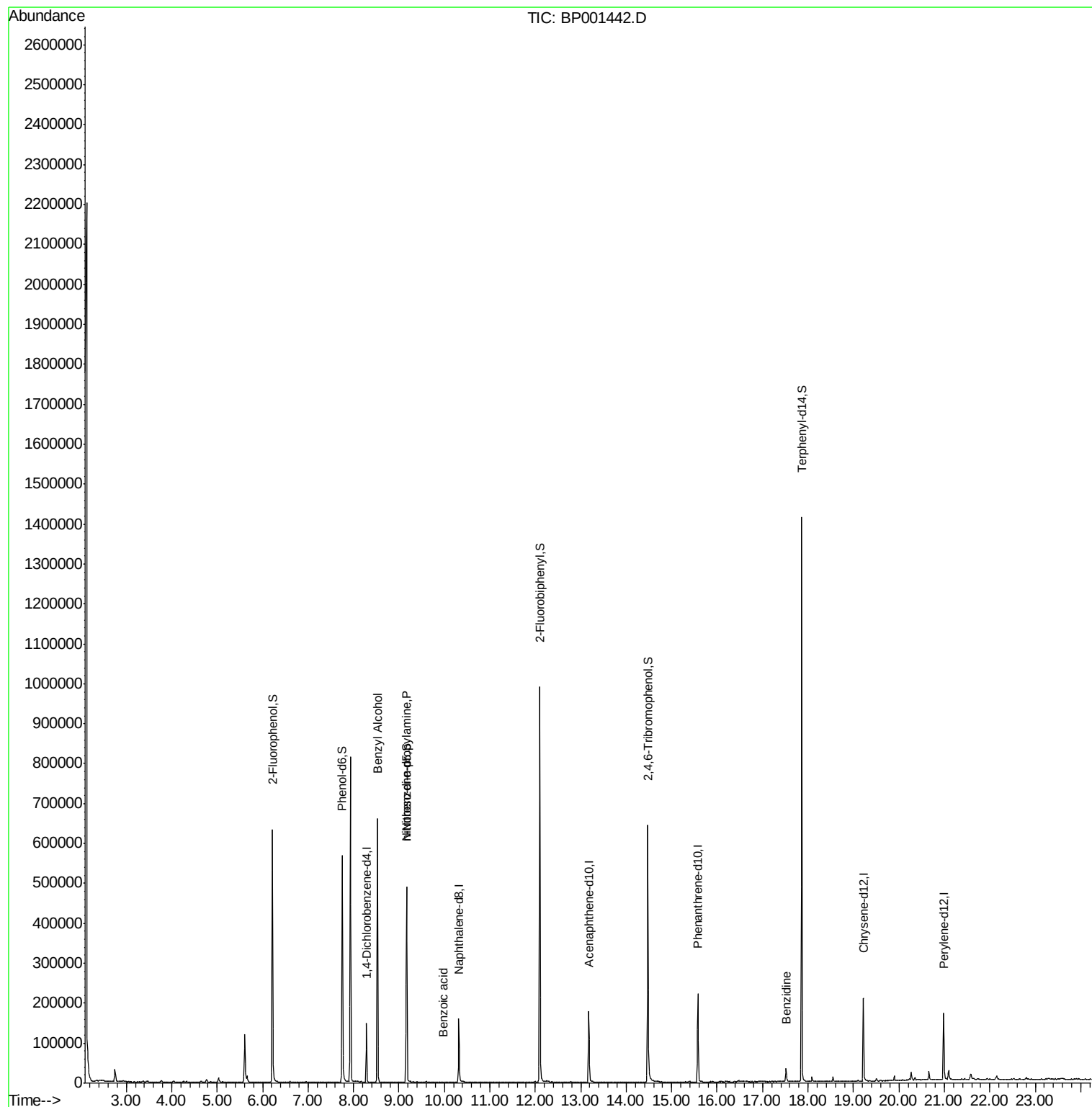
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25582	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	88980	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	52211	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	107683	20.00	ng	0.00
76) Chrysene-d12	19.22	240	88981	20.00	ng	-0.01
87) Perylene-d12	20.99	264	93010	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	188721	119.23	ng	0.02
7) Phenol-d6	7.75	99	224543	108.72	ng	0.00
23) Nitrobenzene-d5	9.17	82	190714	82.31	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	93133	142.68	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	371106	89.88	ng	0.00
79) Terphenyl-d14	17.86	244	533750	102.74	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	4002	2.065	ng	# 56
19) n-Nitroso-di-n-propylamine	9.17	70	28699	19.573	ng	# 83
32) Benzoic acid	9.99	122	28	5.049	ng	# 82
77) Benzidine	17.52	184	16463	6.355	ng	97

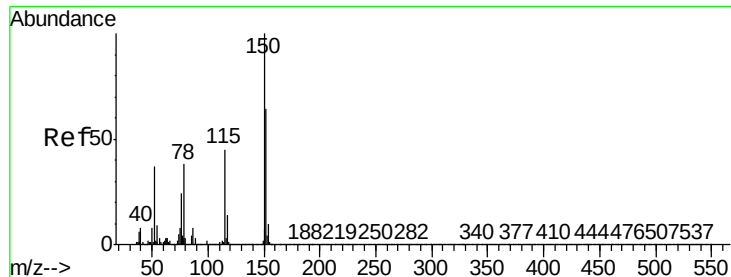
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001442.D

Acq: 27 Dec 2019 03:54

Instrument :

BNA_P

ClientSampleId :

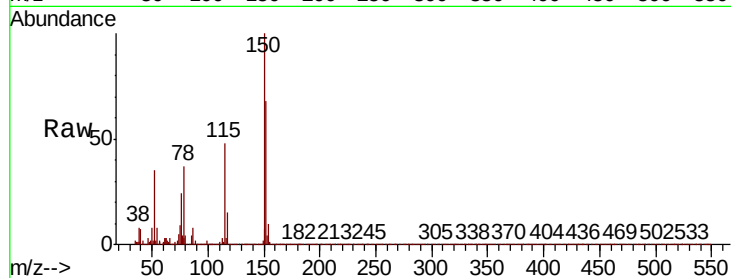
Tot Ion:152 Resp: 25582

Ion Ratio Lower Upper

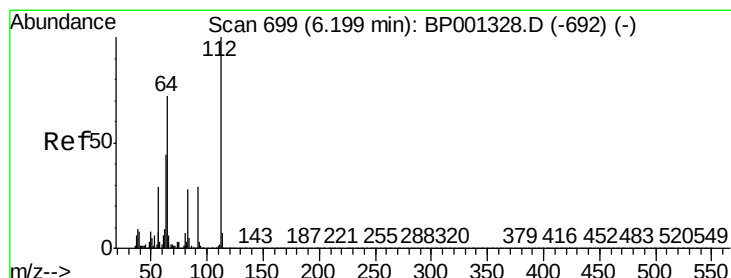
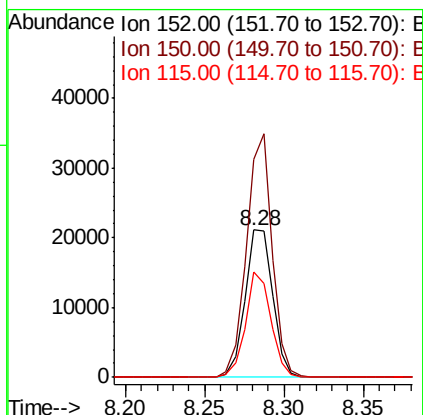
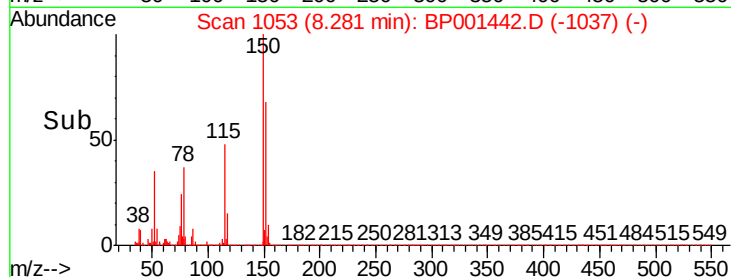
152 100

150 148.0 127.0 190.6

115 71.1 56.1 84.1



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: 119.228 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.02 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

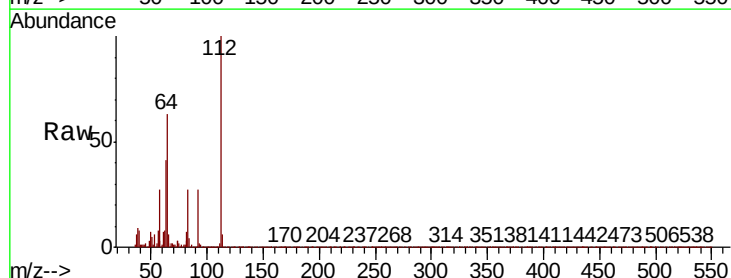
Tgt Ion:112 Resp: 188721

Ion Ratio Lower Upper

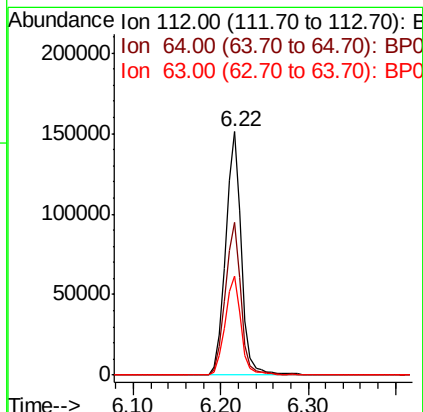
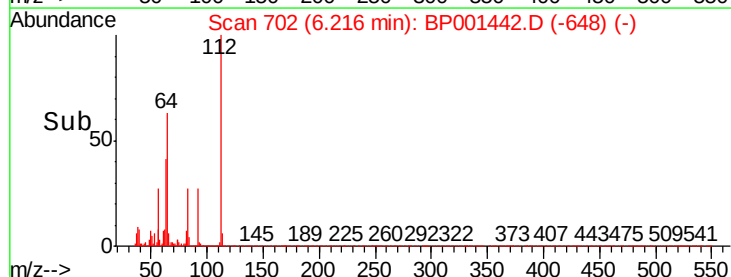
112 100

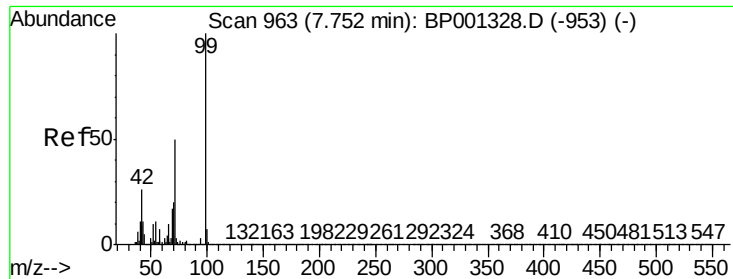
64 62.5 53.9 80.9

63 40.9 33.4 50.0



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: 108.715 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

Instrument :

BNA_P

ClientSampleId :

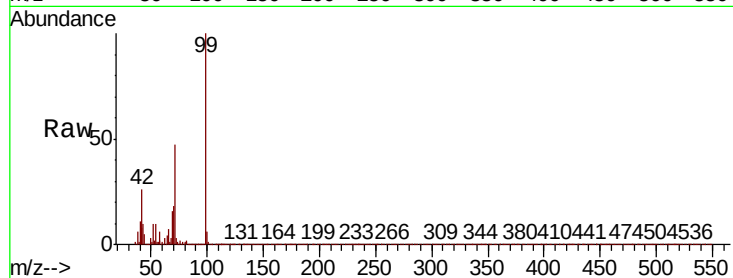
Tot Ion: 99 Resp: 224543

Ion Ratio Lower Upper

99 100

42 26.5 20.8 31.2

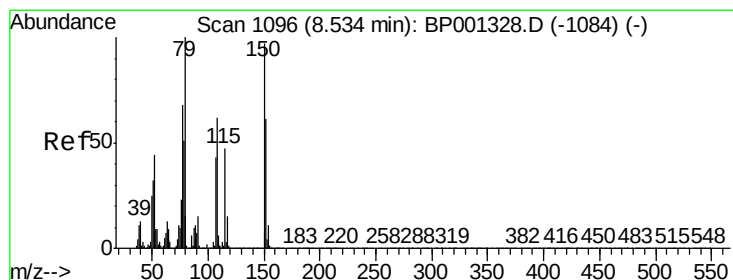
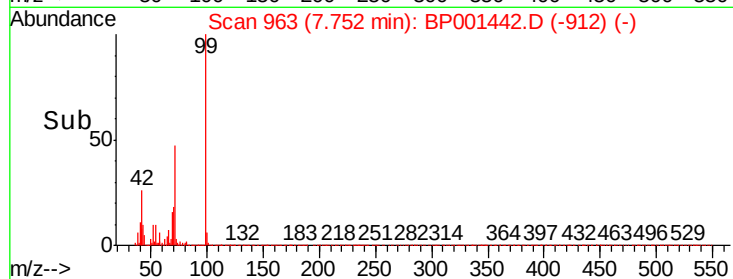
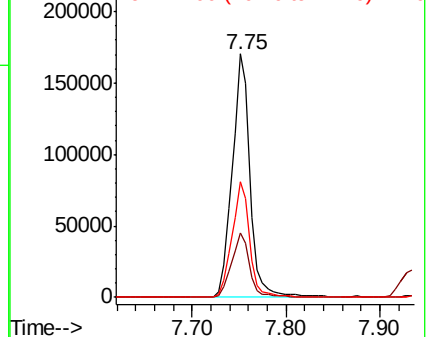
71 47.4 38.2 57.4



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



#15

Benzyl Alcohol

Concen: 2.065 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

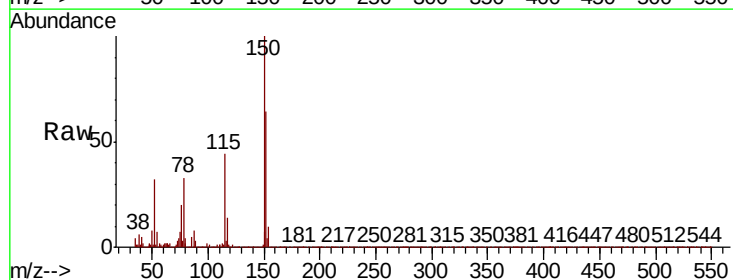
Tgt Ion: 79 Resp: 4002

Ion Ratio Lower Upper

79 100

108 39.7 49.0 73.4#

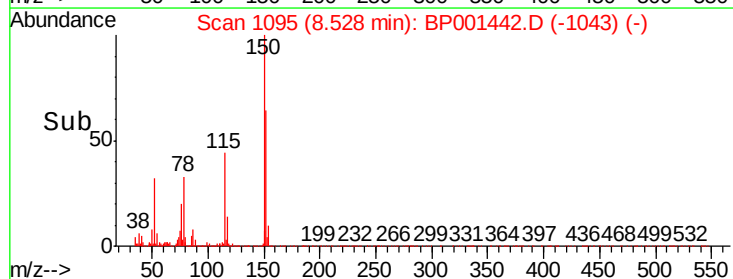
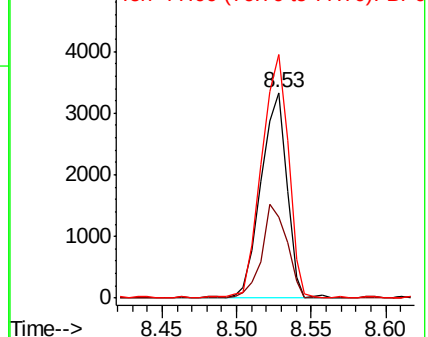
77 118.5 56.7 85.1#

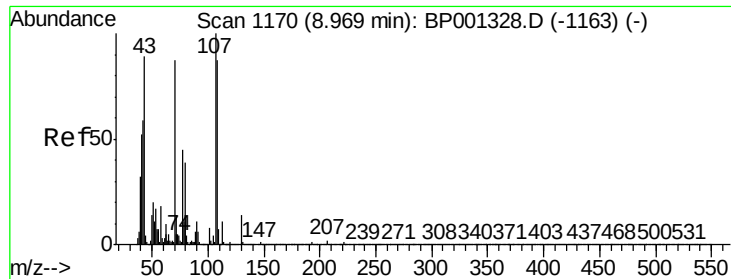


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

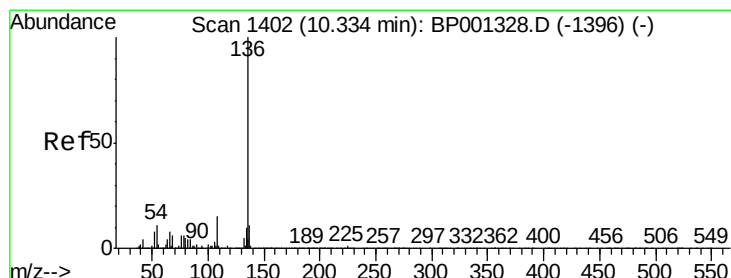
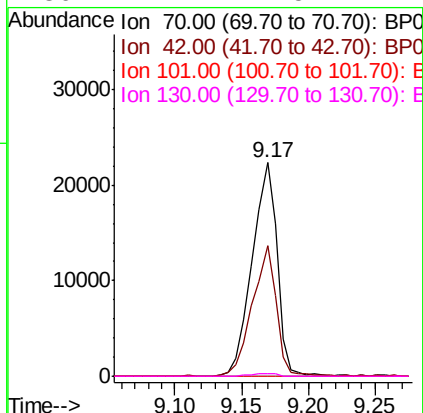
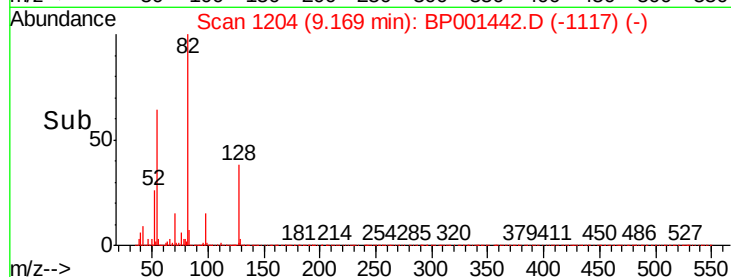
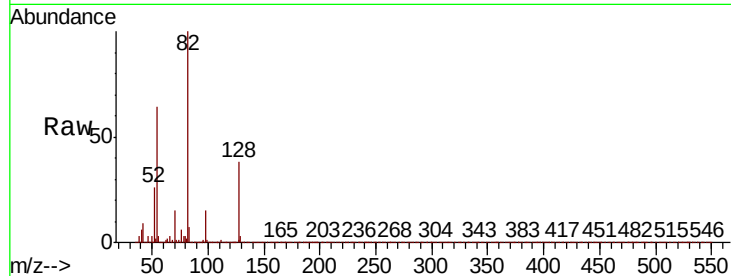




#19
n-Nitroso-di-n-propylamine
Concen: 19.573 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.21 min
Lab File: BP001442.D
Acq: 27 Dec 2019 03:54

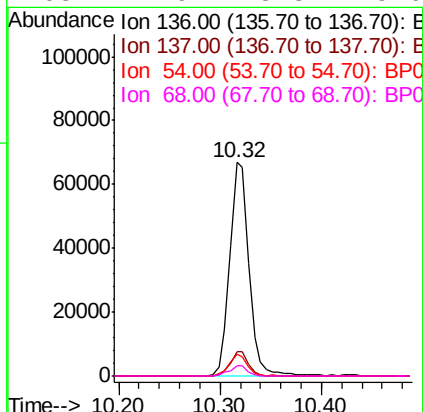
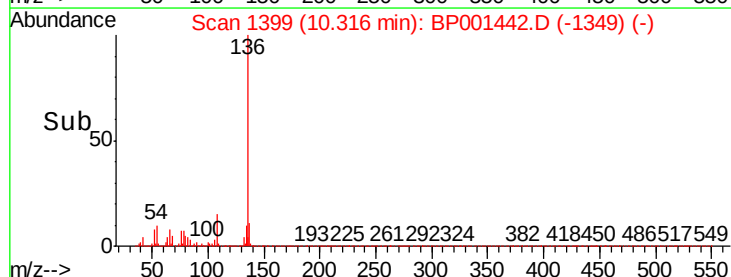
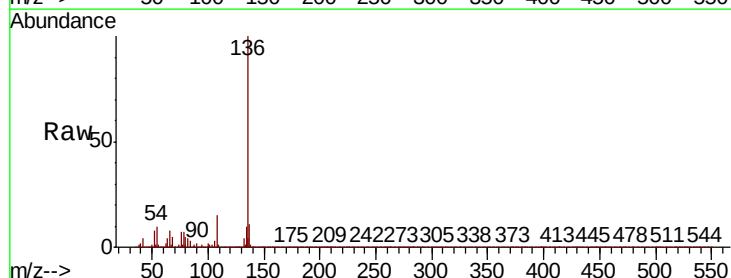
Instrument :
BNA_P
ClientSampleId :

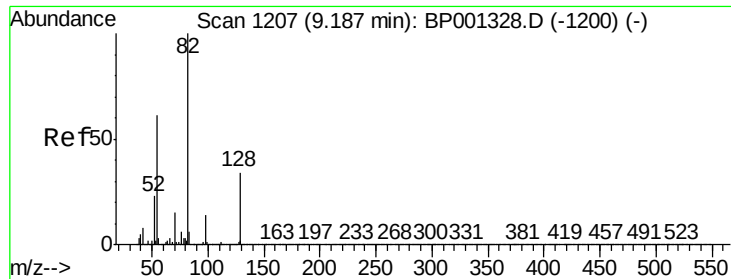
Tot Ion: 70 Resp: 28699
Ion Ratio Lower Upper
70 100
42 61.0 55.8 83.8
101 0.1 8.2 12.2#
130 1.4 14.5 21.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001442.D
Acq: 27 Dec 2019 03:54

Tgt Ion:136 Resp: 88980
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.1 7.3 10.9
68 4.9 3.8 5.6

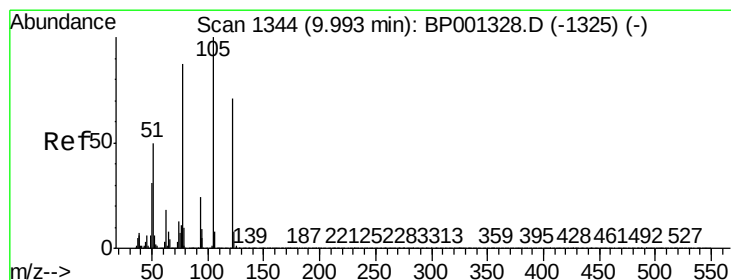
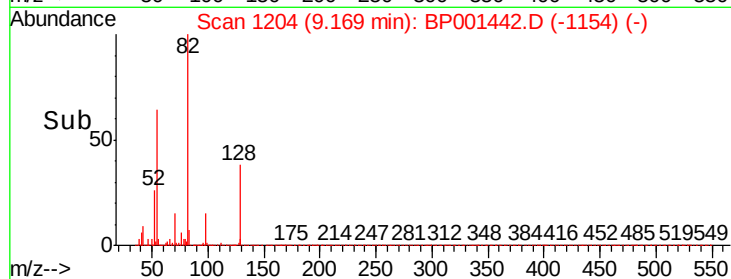
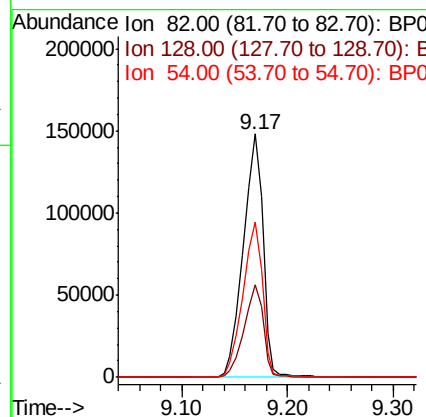
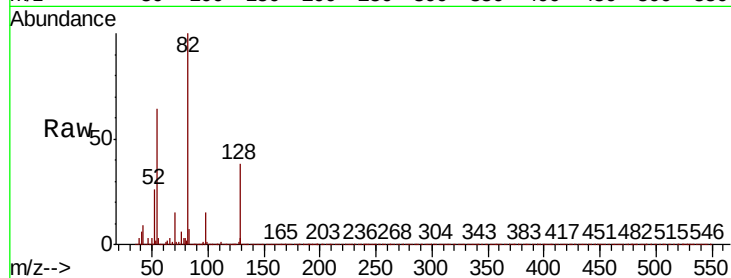




#23
Nitrobenzene-d5
Concen: 82.307 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001442.D
Acq: 27 Dec 2019 03:54

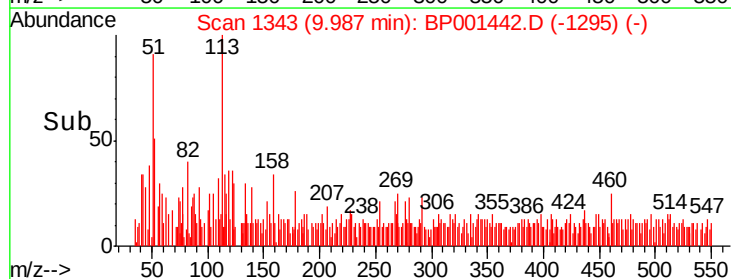
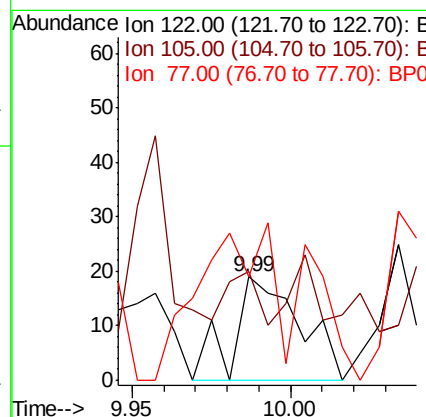
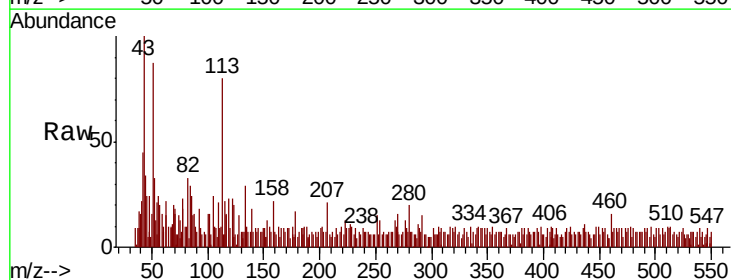
Instrument :
BNA_P
ClientSampleId :

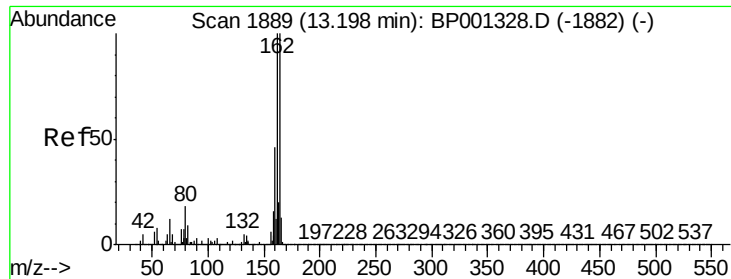
Tot Ion	82	Resp	190714
Ion Ratio	100	Lower	Upper
128	37.8	27.4	41.0
54	63.9	47.5	71.3



#32
Benzoic acid
Concen: 5.049 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001442.D
Acq: 27 Dec 2019 03:54

Tgt Ion	122	Resp	28
Ion Ratio	100	Lower	Upper
105	105.3	117.8	157.8#
77	100.0	85.6	125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.17 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

Instrument :

BNA_P

ClientSampleId :

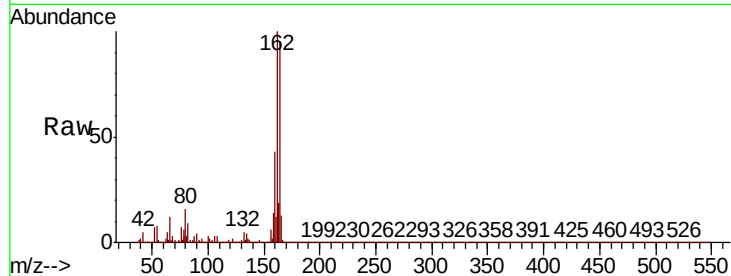
Tot Ion:164 Resp: 52211

Ion Ratio Lower Upper

164 100

162 105.6 78.2 117.4

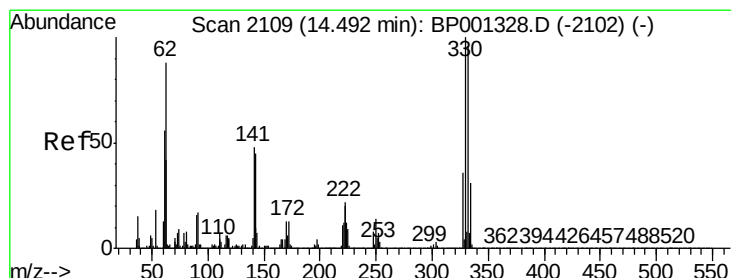
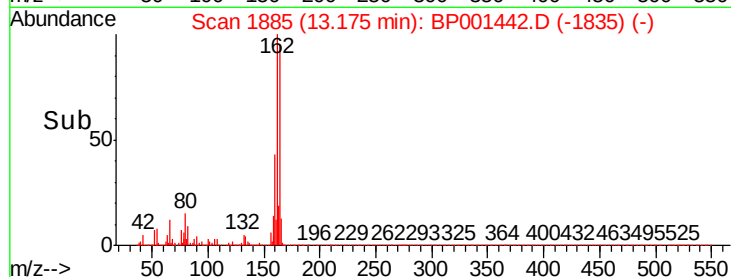
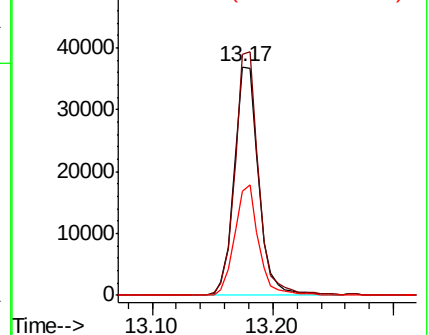
160 45.2 35.1 52.7



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: 142.676 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

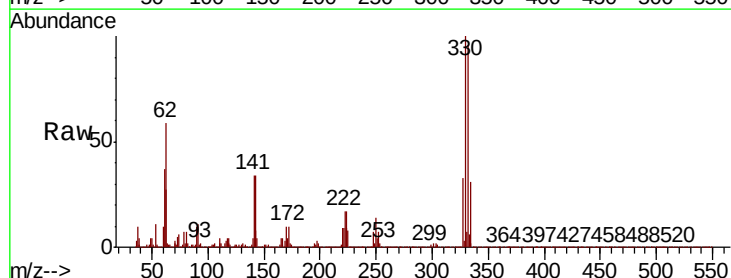
Tgt Ion:330 Resp: 93133

Ion Ratio Lower Upper

330 100

332 96.1 78.3 117.5

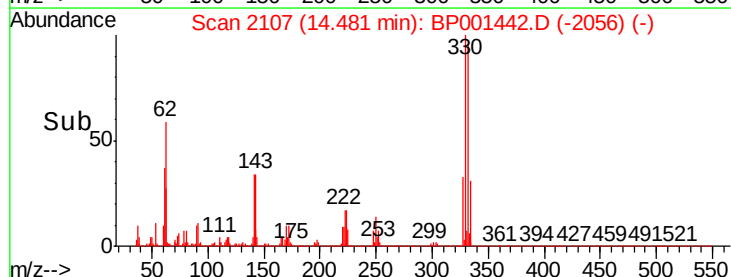
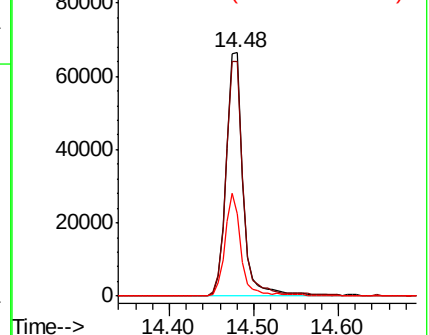
141 40.4 26.8 40.2#

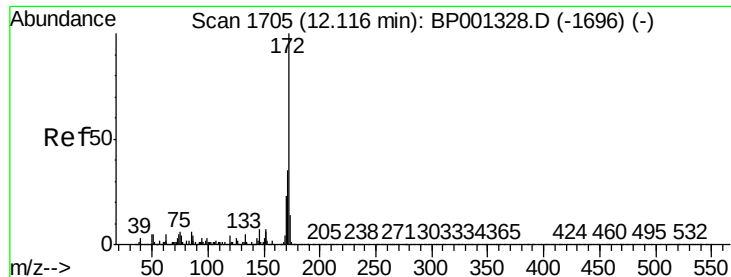


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 89.877 ng

RT: 12.10 min Scan# 1702

Delta R.T. -0.00 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

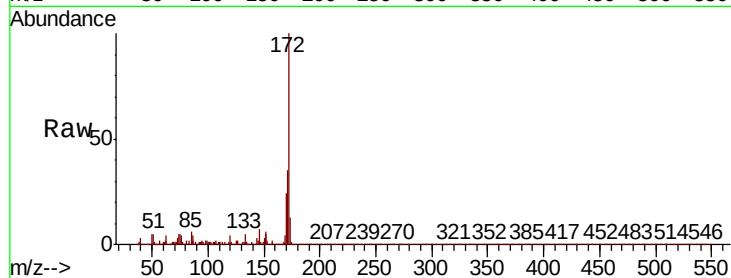
Instrument :

BNA_P

ClientSampleId :

Tot Ion:172 Resp: 371106

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.4	41.0
170	23.6	18.2	27.4

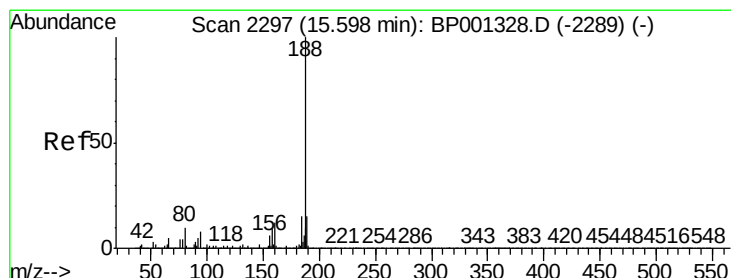
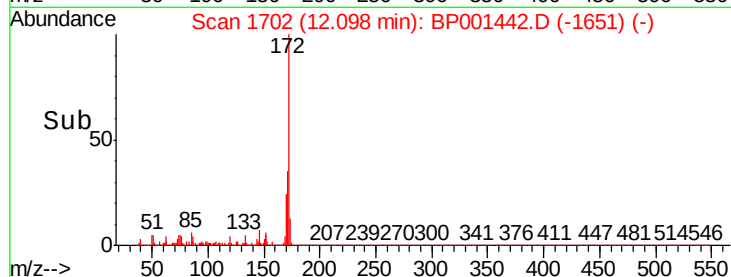
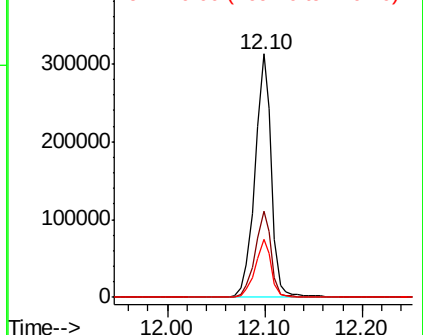


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

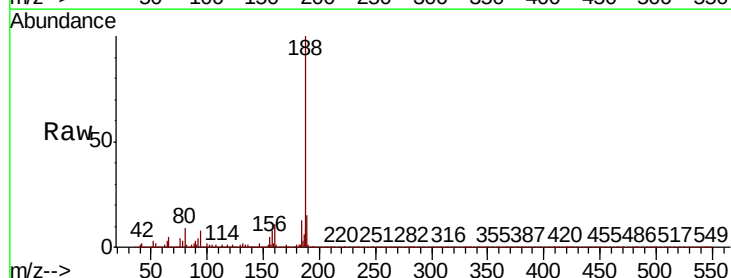
Delta R.T. -0.01 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

Tgt Ion:188 Resp: 107683

Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.8	8.8
80	8.9	5.7	8.5#

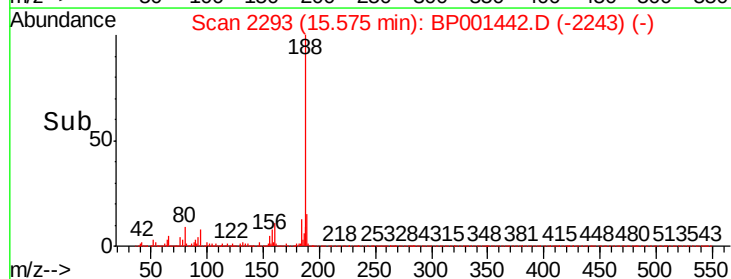
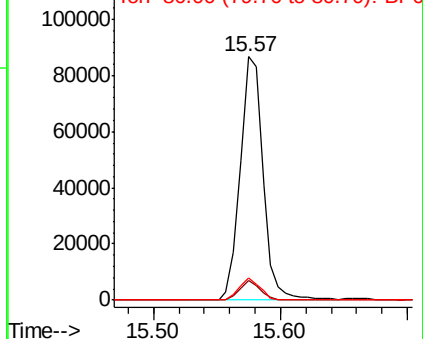


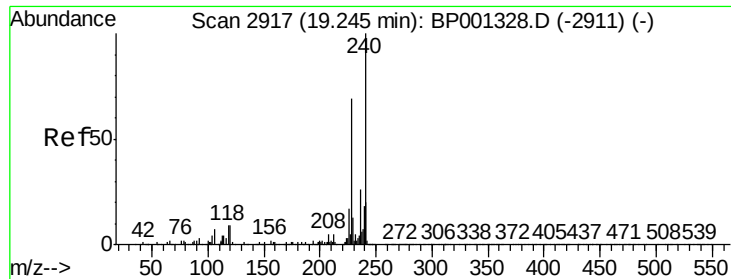
Abundance

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

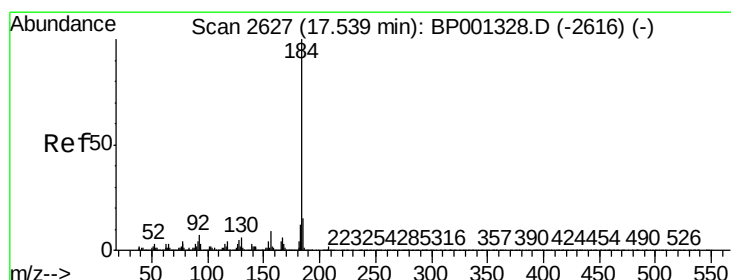
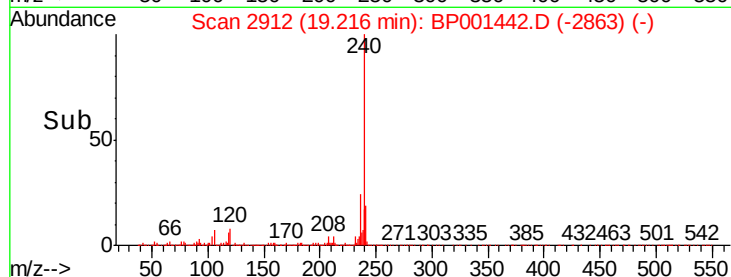
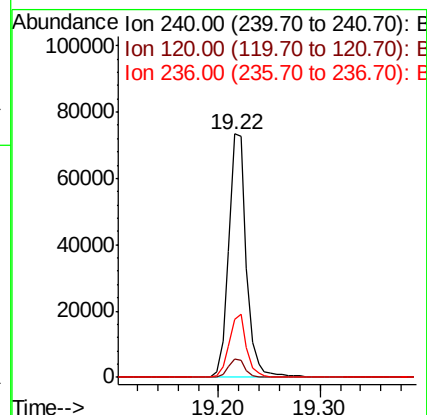
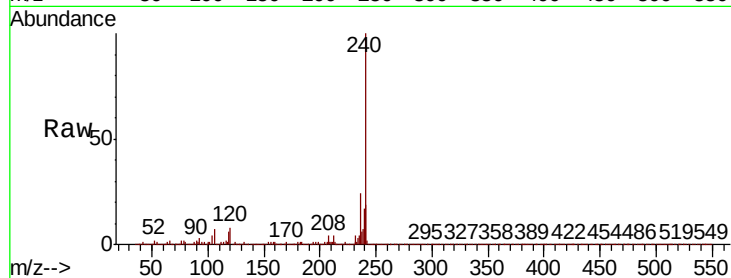




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2912
Delta R.T. -0.01 min
Lab File: BP001442.D
Acq: 27 Dec 2019 03:54

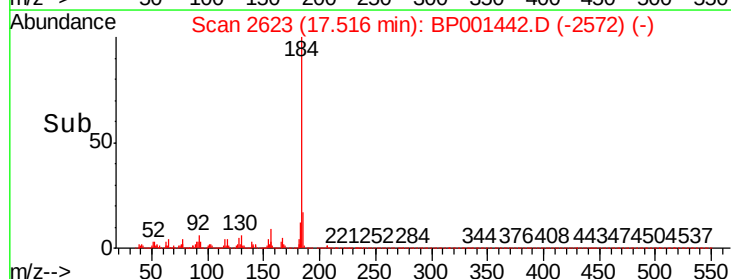
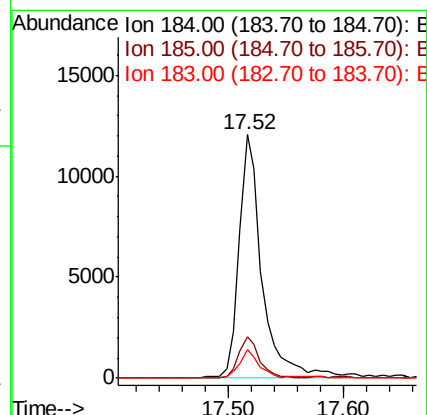
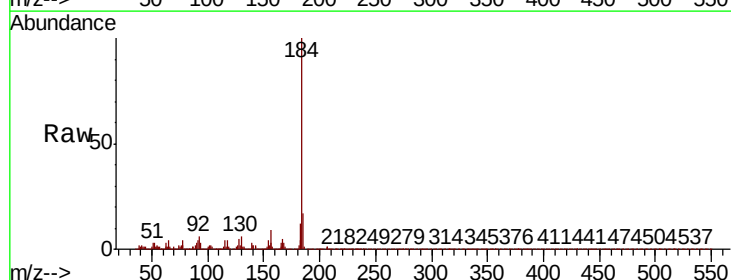
Instrument :
BNA_P
ClientSampleId :

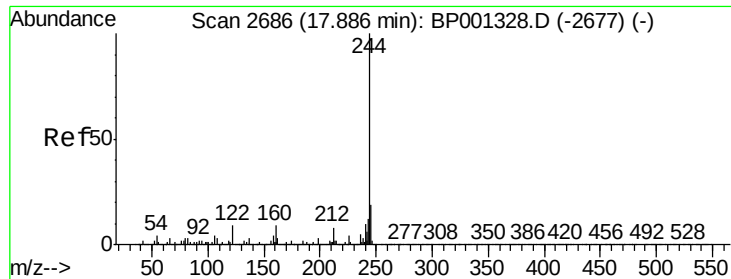
Tot Ion:240 Resp: 88981
Ion Ratio Lower Upper
240 100
120 7.6 6.2 9.2
236 24.1 20.2 30.2



#77
Benzidine
Concen: 6.355 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.00 min
Lab File: BP001442.D
Acq: 27 Dec 2019 03:54

Tgt Ion:184 Resp: 16463
Ion Ratio Lower Upper
184 100
185 16.7 11.8 17.8
183 11.8 9.6 14.4





#79

Terphenyl-d14

Concen: 102.740 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001442.D

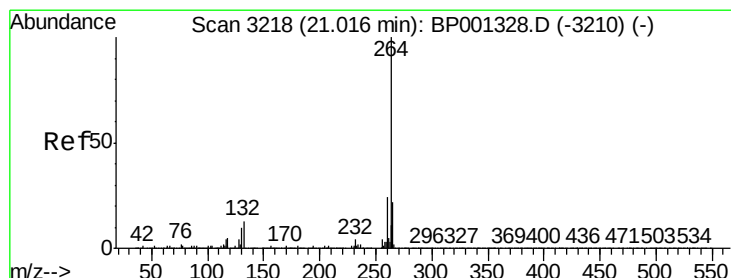
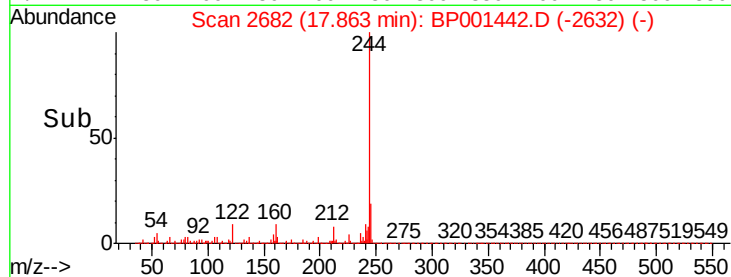
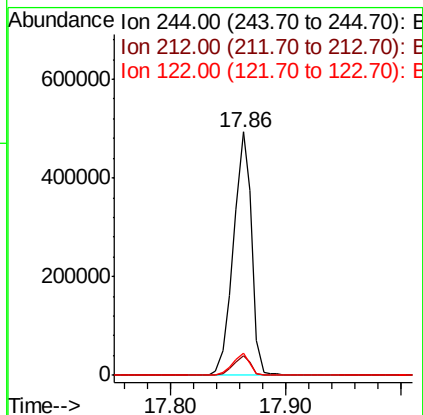
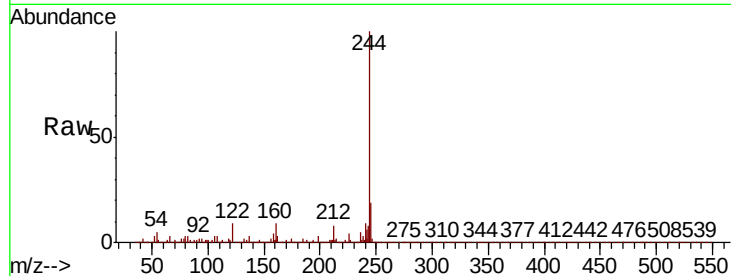
Acq: 27 Dec 2019 03:54

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	244	Resp:	533750
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	9.4	6.4	9.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BP001442.D

Acq: 27 Dec 2019 03:54

Tgt Ion:	264	Resp:	93010
Ion	Ratio	Lower	Upper
264	100		
260	21.9	19.0	28.4
265	22.0	17.0	25.4

