

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001463.D
 Acq On : 27 Dec 2019 17:44
 Operator : JU
 Sample : PB125664TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 28 03:46:09 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

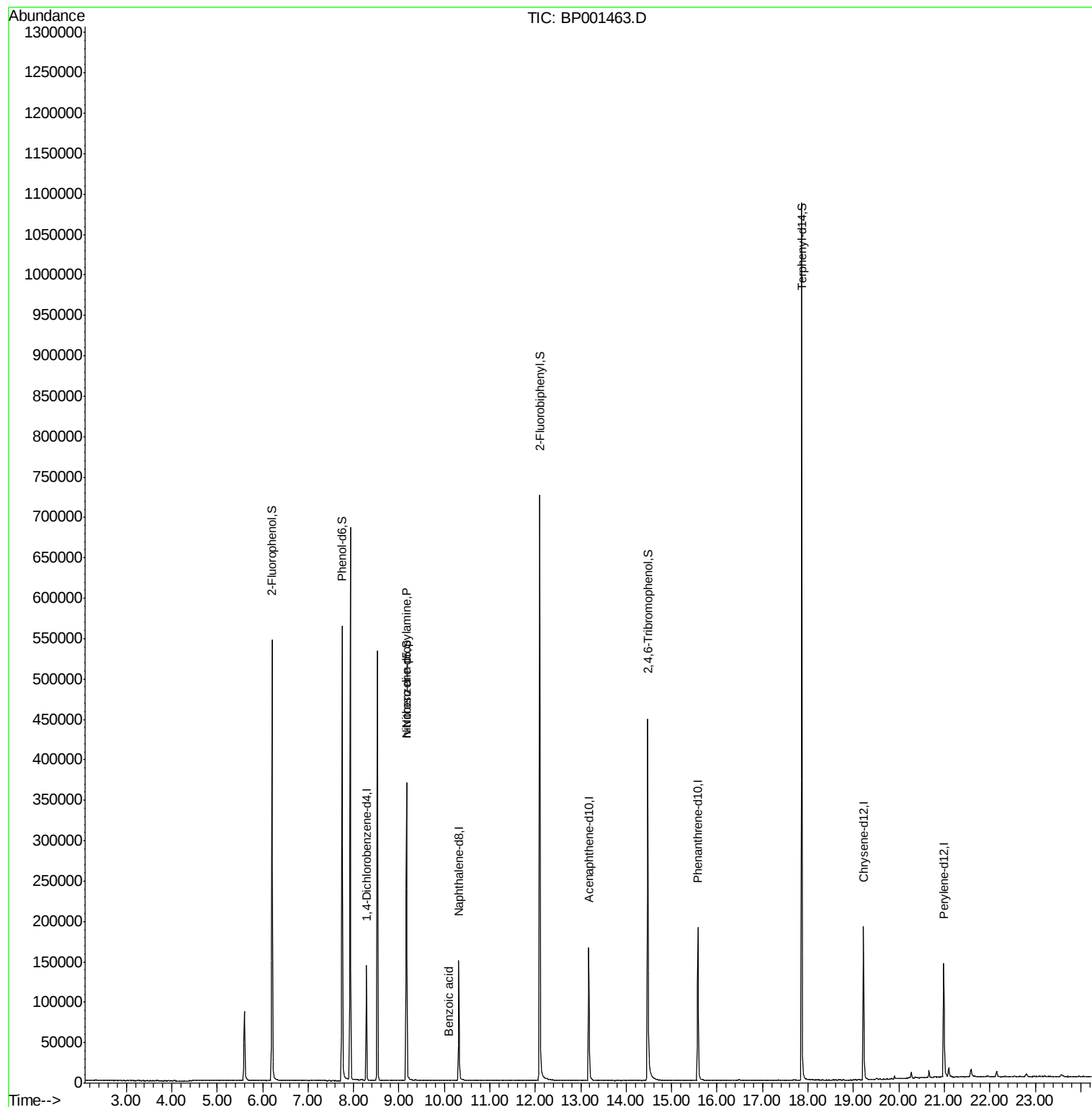
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23282	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	81478	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	48526	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	98007	20.00	ng	0.00
76) Chrysene-d12	19.22	240	80940	20.00	ng	0.00
87) Perylene-d12	20.99	264	86777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	165959	115.21	ng	0.01
7) Phenol-d6	7.75	99	212848	113.23	ng	0.00
23) Nitrobenzene-d5	9.16	82	150047	70.72	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	71641	118.09	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	304944	79.46	ng	0.00
79) Terphenyl-d14	17.86	244	414918	87.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.16	70	23052	17.275	ng	Qvalue # 78
32) Benzoic acid	10.09	122	7	5.030	ng	86

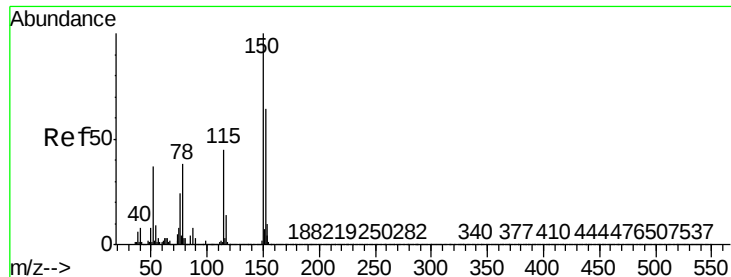
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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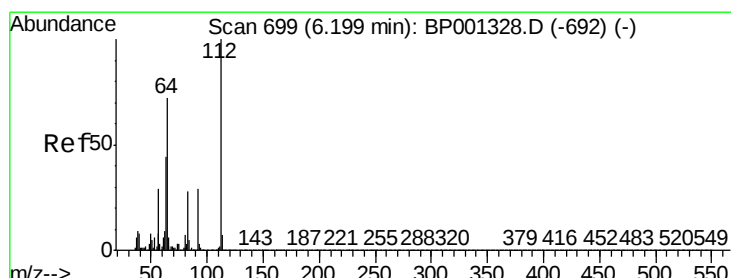
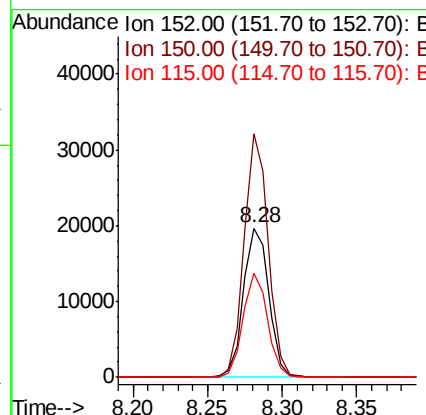
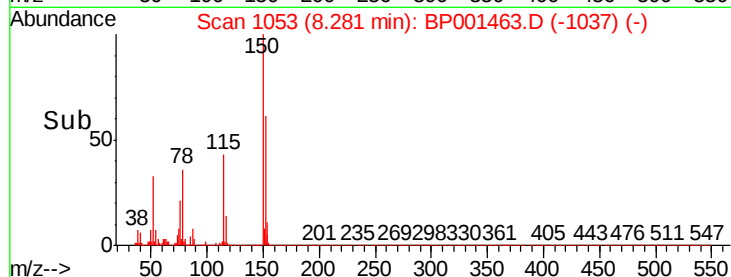
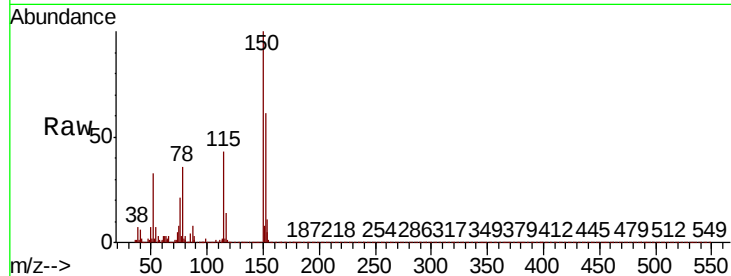




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001463.D
Acq: 27 Dec 2019 17:44

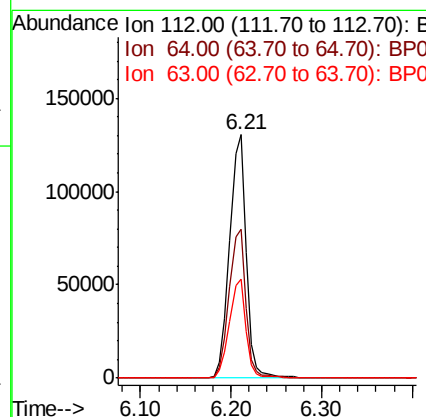
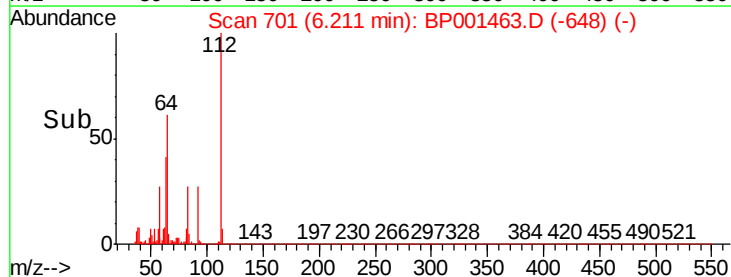
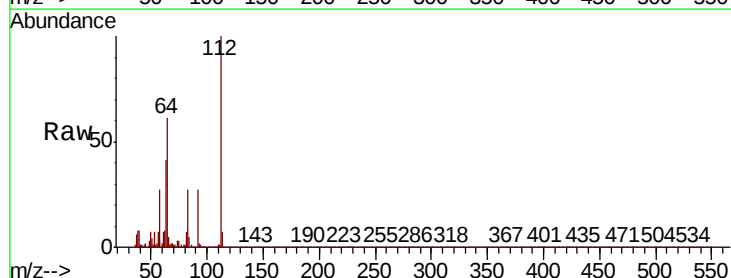
Instrument :
BNA_P
ClientSampleId :

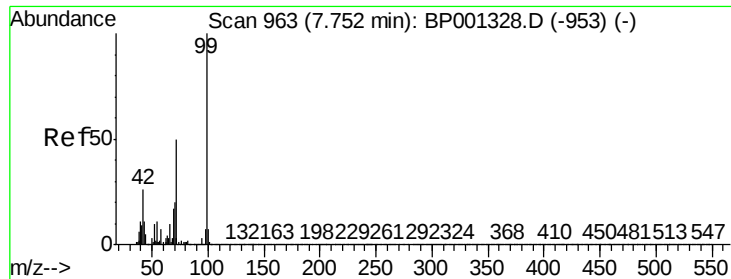
Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	127.0	190.6
115	69.9	56.1	84.1



#5
2-Fluorophenol
Concen: 115.206 ng
RT: 6.21 min Scan# 701
Delta R.T. 0.01 min
Lab File: BP001463.D
Acq: 27 Dec 2019 17:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	53.9	80.9
63	40.5	33.4	50.0





#7

Phenol-d6

Concen: 113.233 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BP001463.D

Acq: 27 Dec 2019 17:44

Instrument :

BNA_P

ClientSampleId :

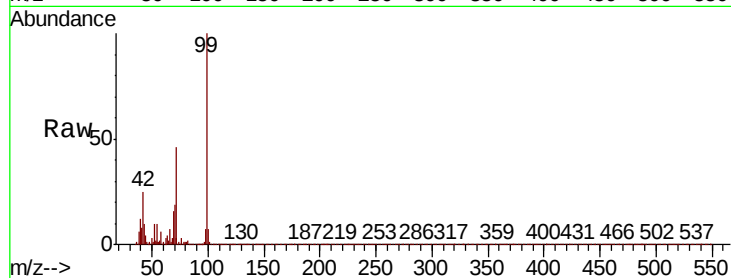
Tot Ion: 99 Resp: 212848

Ion Ratio Lower Upper

99 100

42 25.1 20.8 31.2

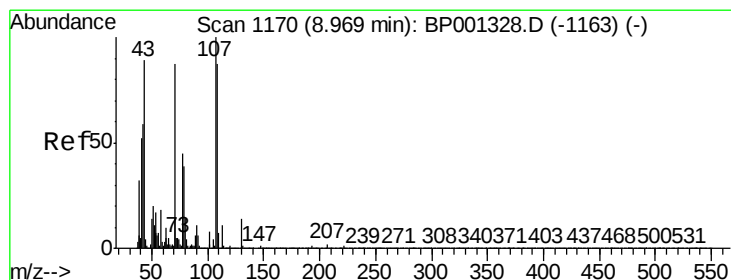
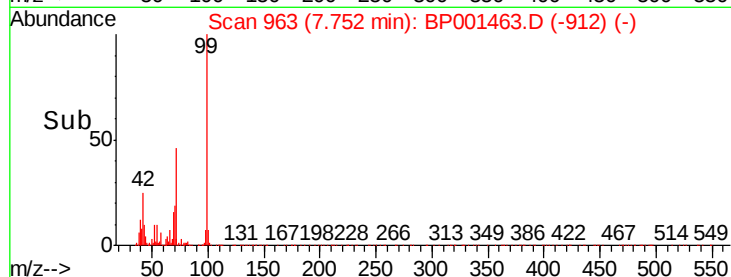
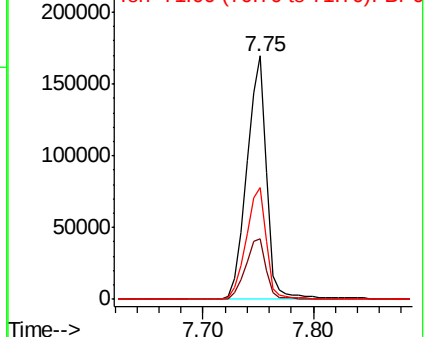
71 45.9 38.2 57.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.275 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.21 min

Lab File: BP001463.D

Acq: 27 Dec 2019 17:44

Tgt Ion: 70 Resp: 23052

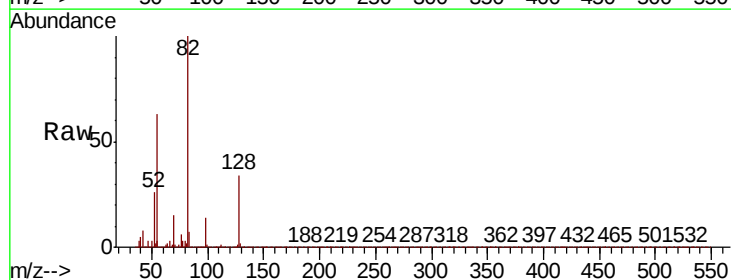
Ion Ratio Lower Upper

70 100

42 55.3 55.8 83.8#

101 0.0 8.2 12.2#

130 2.0 14.5 21.7#

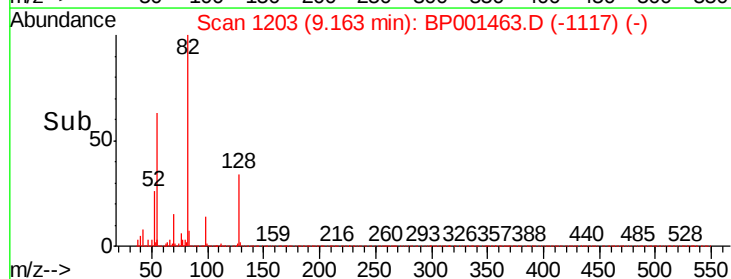
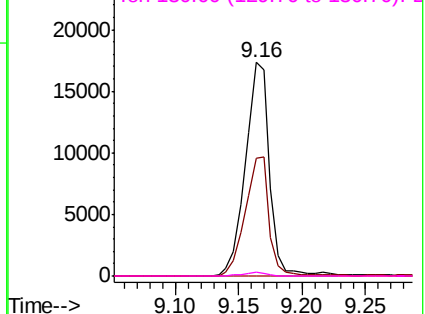


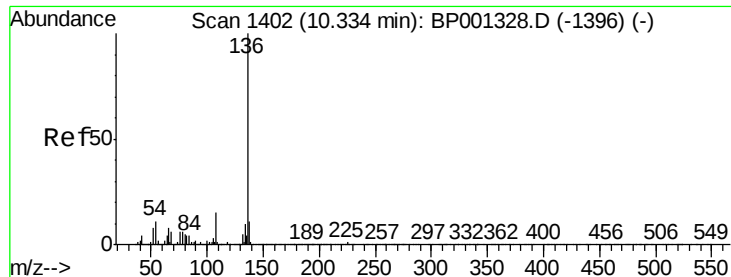
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

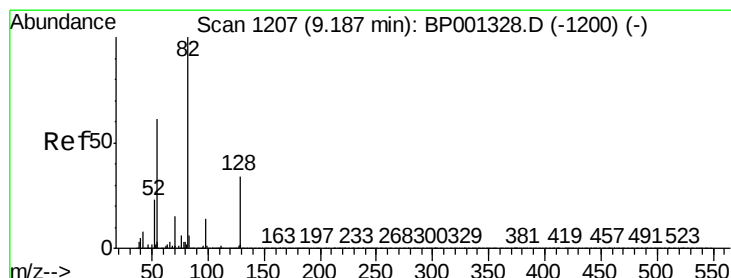
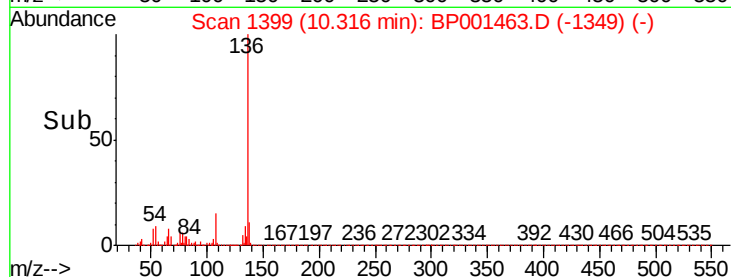
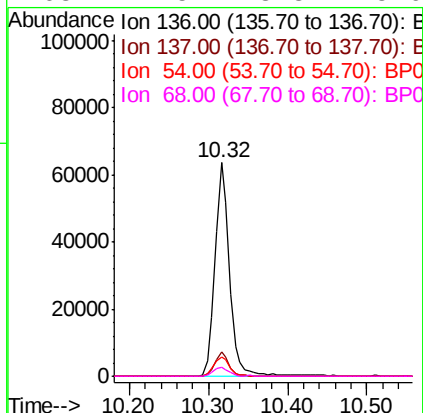
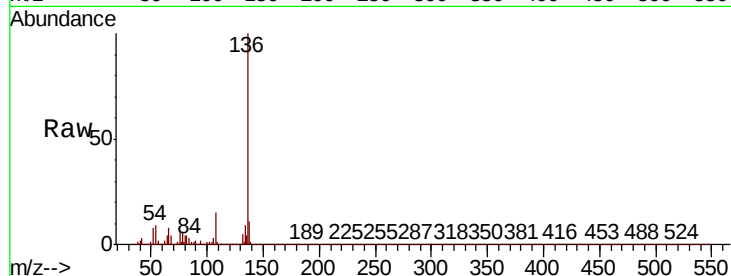




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001463.D
Acq: 27 Dec 2019 17:44

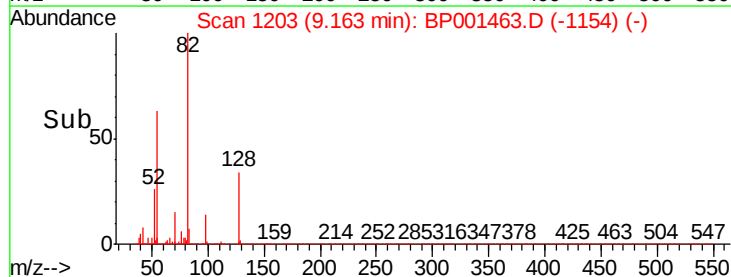
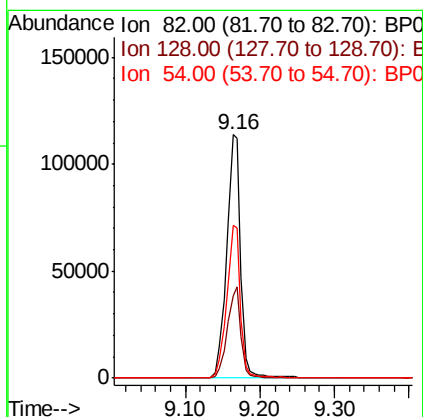
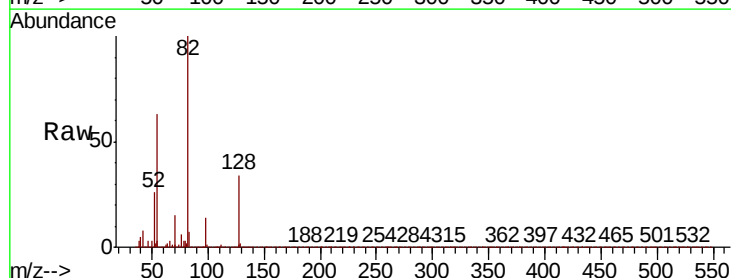
Instrument :
BNA_P
ClientSampleId :

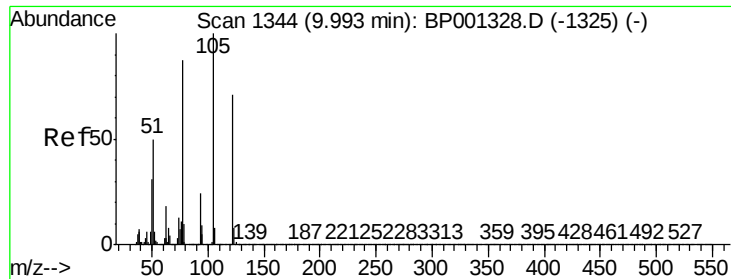
Tot Ion:136	Resp:	81478
Ion	Ratio	Lower Upper
136	100	
137	11.3	9.0 13.4
54	9.2	7.3 10.9
68	4.5	3.8 5.6



#23
Nitrobenzene-d5
Concen: 70.718 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001463.D
Acq: 27 Dec 2019 17:44

Tgt Ion: 82	Resp:	150047
Ion	Ratio	Lower Upper
82	100	
128	34.0	27.4 41.0
54	62.6	47.5 71.3

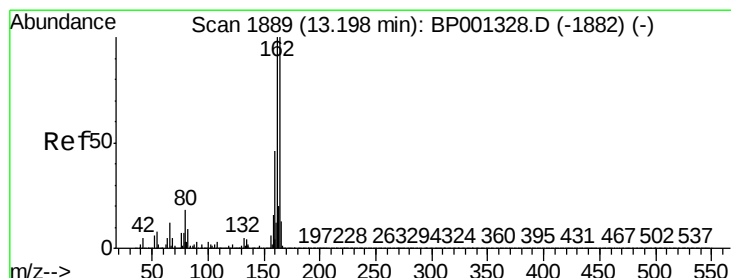
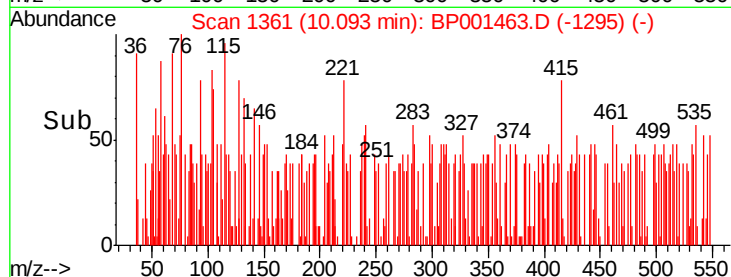
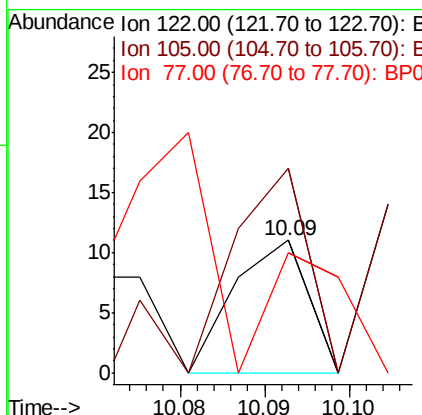
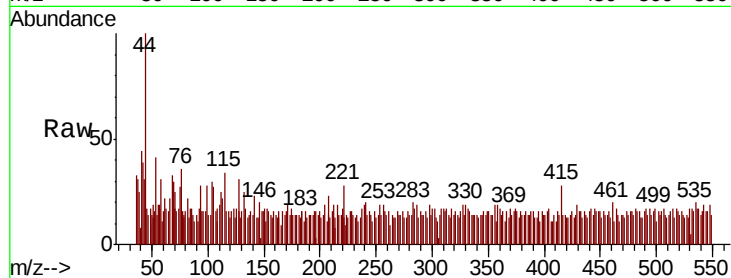




#32
Benzoic acid
Concen: 5.030 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.09 min
Lab File: BP001463.D
Acq: 27 Dec 2019 17:44

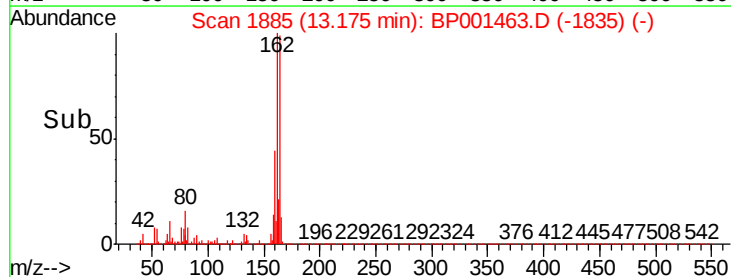
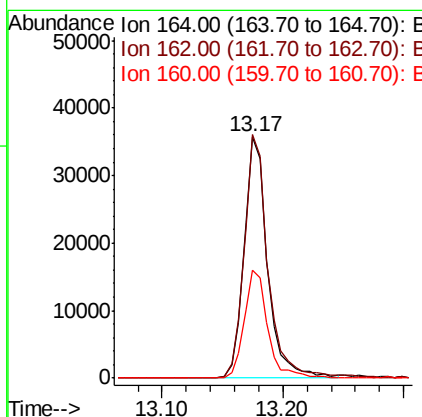
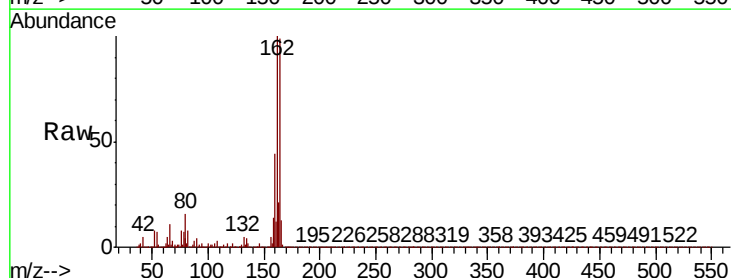
Instrument :
BNA_P
ClientSampleId :

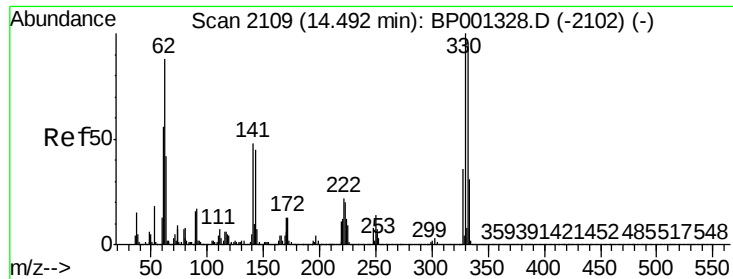
Tot Ion:122 Resp: 7
Ion Ratio Lower Upper
122 100
105 154.5 117.8 157.8
77 90.9 85.6 125.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.17 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BP001463.D
Acq: 27 Dec 2019 17:44

Tgt Ion:164 Resp: 48526
Ion Ratio Lower Upper
164 100
162 100.9 78.2 117.4
160 44.8 35.1 52.7

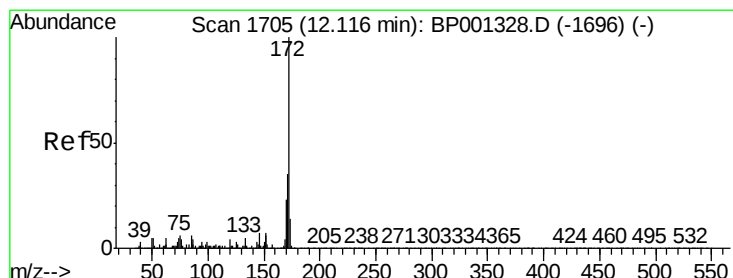
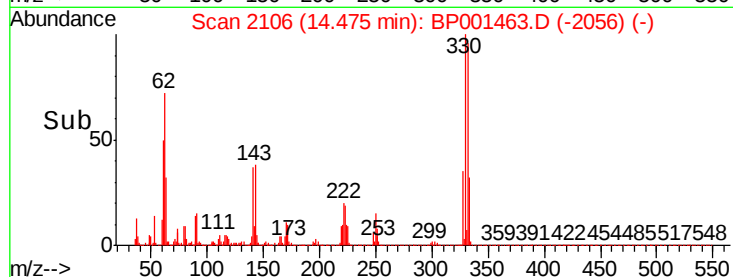
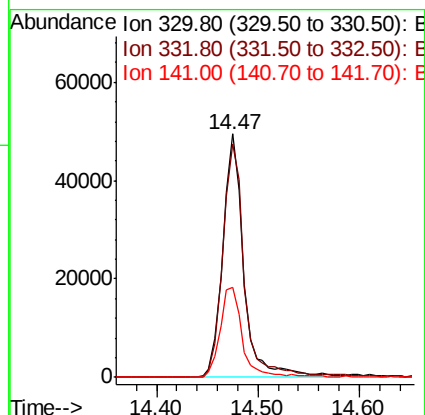
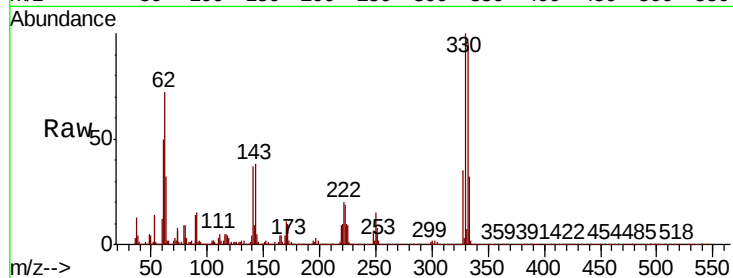




#42
 2,4,6-Tribromophenol
 Concen: 118.086 ng
 RT: 14.47 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BP001463.D
 Acq: 27 Dec 2019 17:44

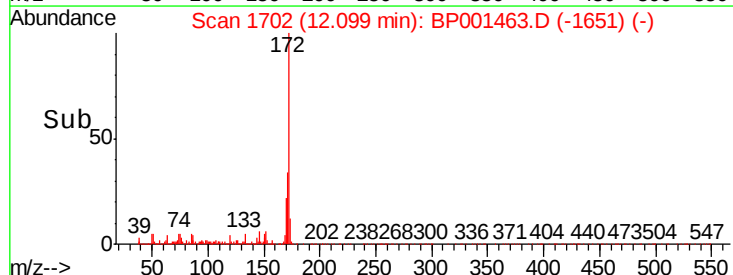
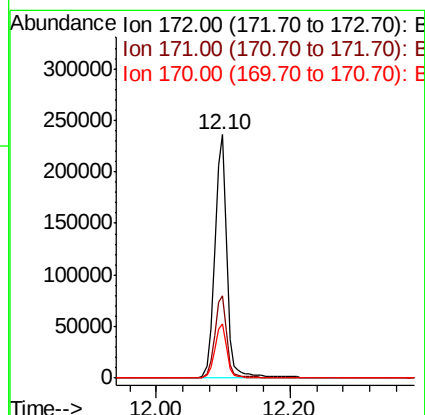
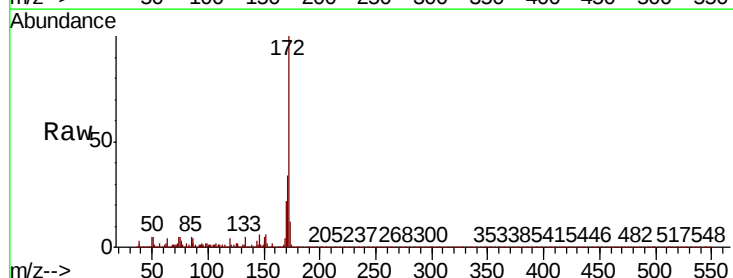
Instrument :
 BNA_P
 ClientSampleId :

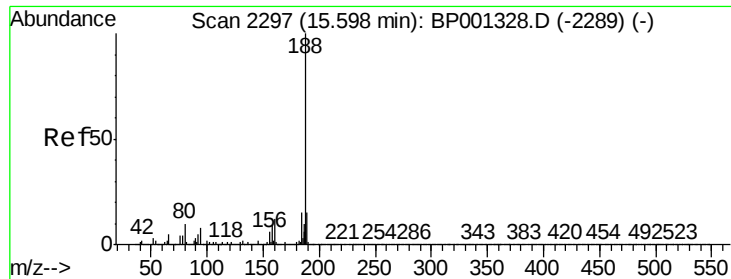
Tot Ion:330 Resp: 71641
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.3 117.5
 141 39.5 26.8 40.2



#45
 2-Fluorobiphenyl
 Concen: 79.462 ng
 RT: 12.10 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BP001463.D
 Acq: 27 Dec 2019 17:44

Tgt Ion:172 Resp: 304944
 Ion Ratio Lower Upper
 172 100
 171 33.8 27.4 41.0
 170 22.3 18.2 27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BP001463.D

Acq: 27 Dec 2019 17:44

Instrument :

BNA_P

ClientSampleId :

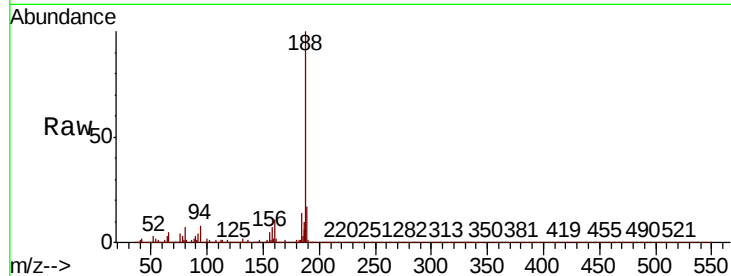
Tot Ion:188 Resp: 98007

Ion Ratio Lower Upper

188 100

94 8.1 5.8 8.8

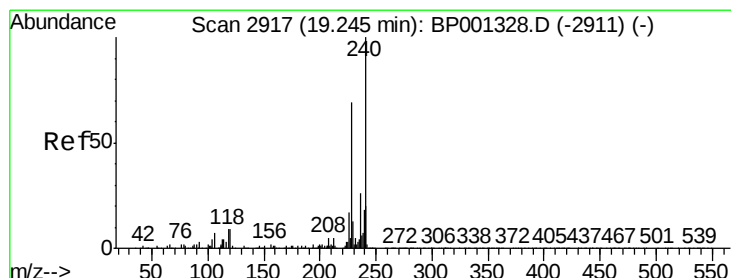
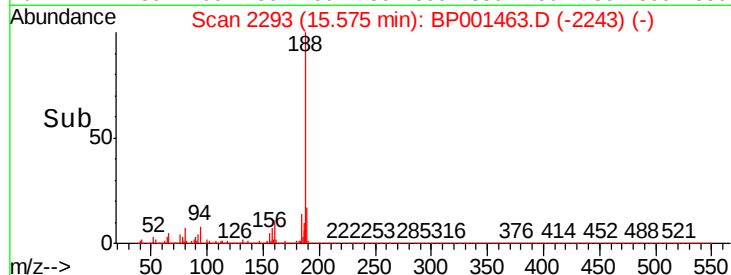
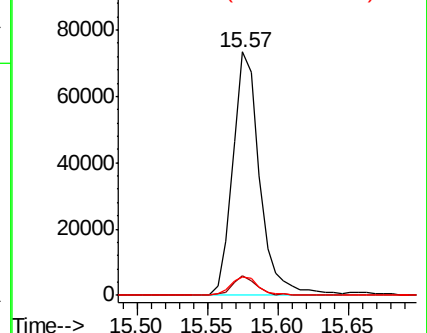
80 7.3 5.7 8.5



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# 2913

Delta R.T. -0.01 min

Lab File: BP001463.D

Acq: 27 Dec 2019 17:44

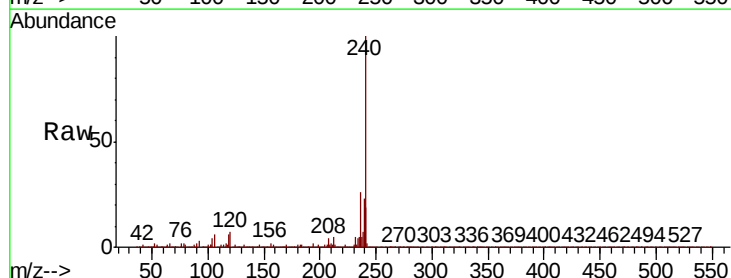
Tgt Ion:240 Resp: 80940

Ion Ratio Lower Upper

240 100

120 7.0 6.2 9.2

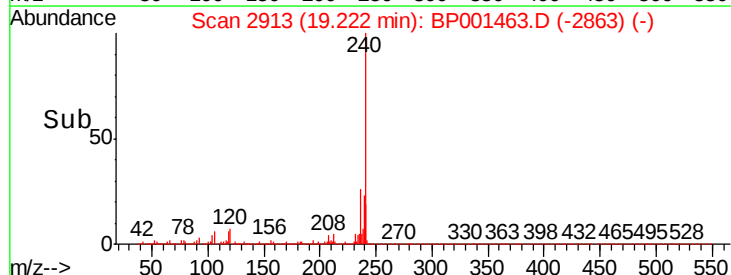
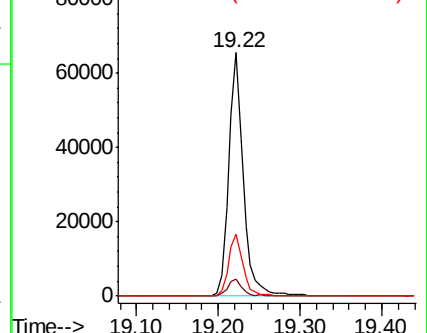
236 25.5 20.2 30.2

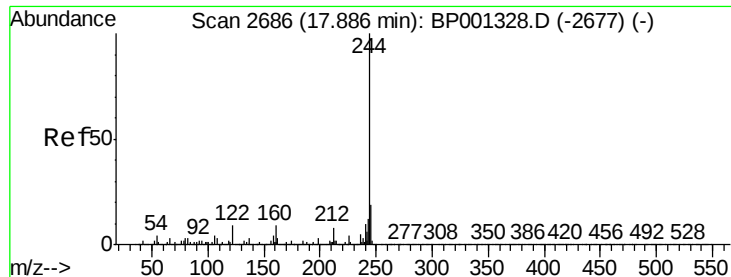


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

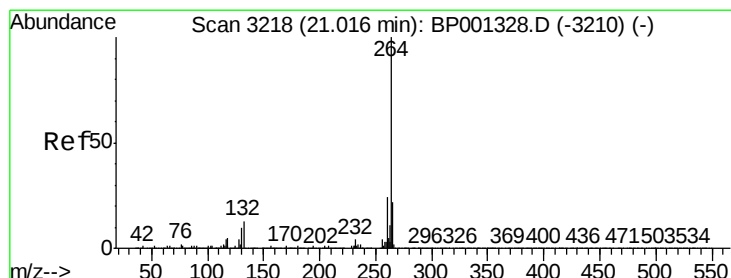
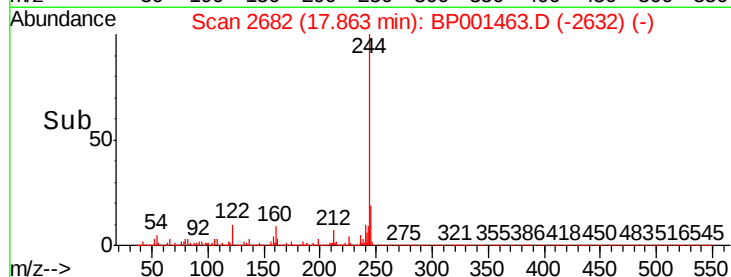
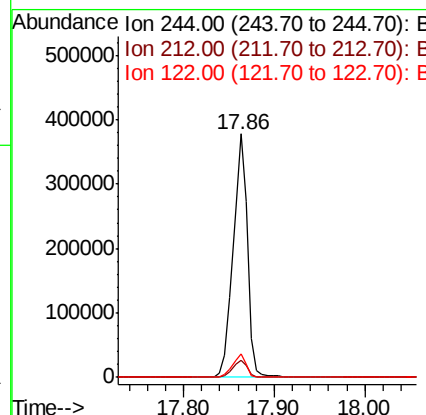
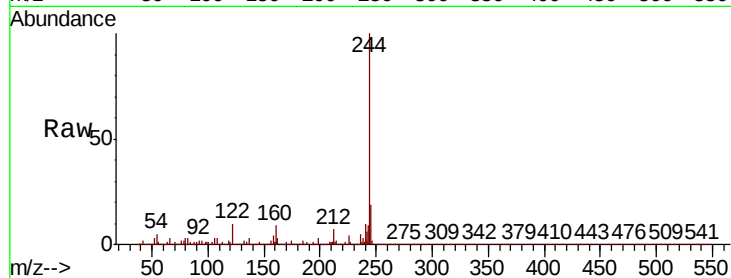




#79
 Terphenyl-d14
 Concen: 87.800 ng
 RT: 17.86 min Scan# 2682
 Delta R.T. -0.01 min
 Lab File: BP001463.D
 Acq: 27 Dec 2019 17:44

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	9.5	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: BP001463.D
 Acq: 27 Dec 2019 17:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.0	28.4
265	20.8	17.0	25.4

