

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122819\
 Data File : BP001481.D
 Acq On : 28 Dec 2019 18:02
 Operator : JU
 Sample : PB125772BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 29 08:03:08 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

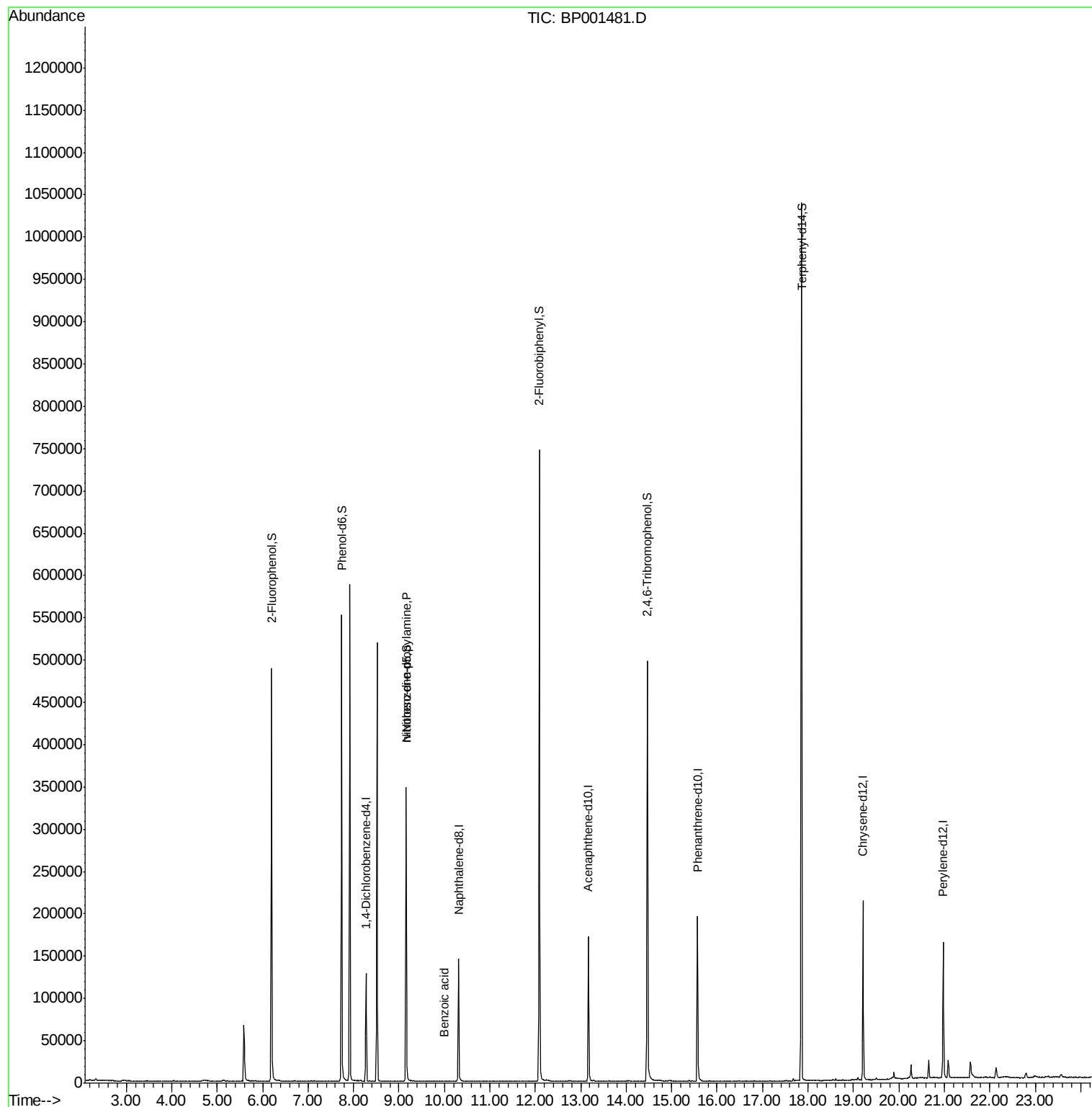
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	21042	20.00	ng	-0.01
21) Naphthalene-d8	10.31	136	75692	20.00	ng	-0.01
39) Acenaphthene-d10	13.17	164	47674	20.00	ng	-0.01
64) Phenanthrene-d10	15.57	188	96491	20.00	ng	-0.01
76) Chrysene-d12	19.21	240	83517	20.00	ng	-0.02
87) Perylene-d12	20.97	264	88841	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	147456	113.26	ng	0.00
7) Phenol-d6	7.74	99	200353	117.93	ng	-0.01
23) Nitrobenzene-d5	9.16	82	133698	67.83	ng	-0.02
42) 2,4,6-Tribromophenol	14.46	330	69953	117.36	ng	-0.02
45) 2-Fluorobiphenyl	12.09	172	283470	75.19	ng	-0.01
79) Terphenyl-d14	17.86	244	407276	83.52	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.16	70	21284	17.648	ng	# 76
32) Benzoic acid	10.00	122	7	5.030	ng	# 38

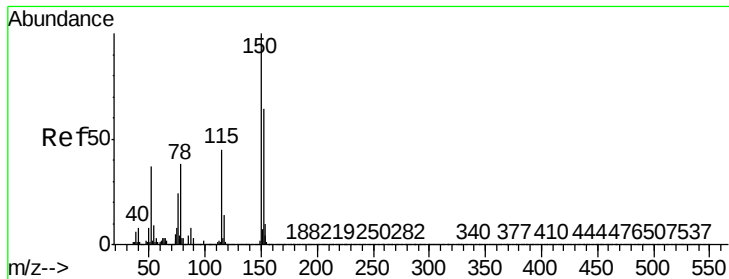
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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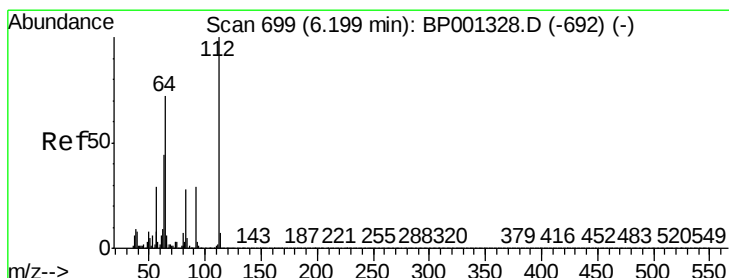
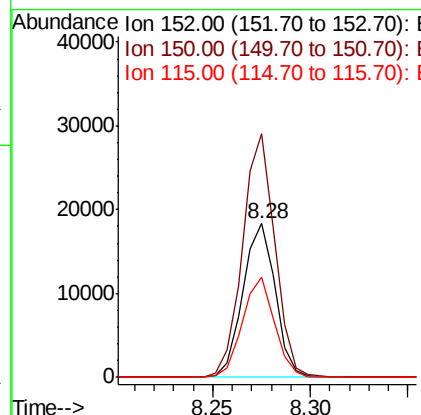
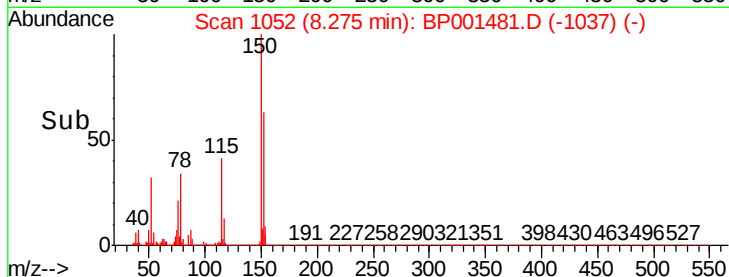
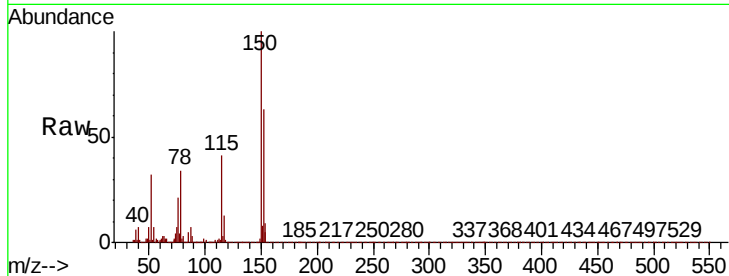




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BP001481.D
Acq: 28 Dec 2019 18:02

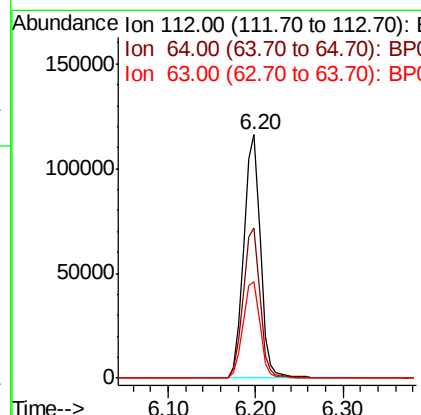
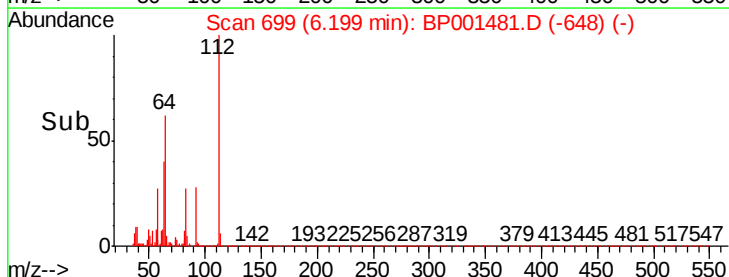
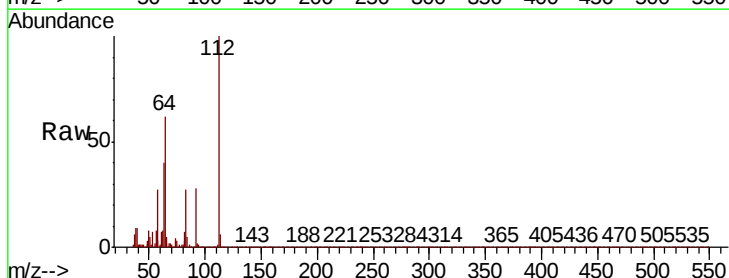
Instrument :
BNA_P
ClientSampleId :

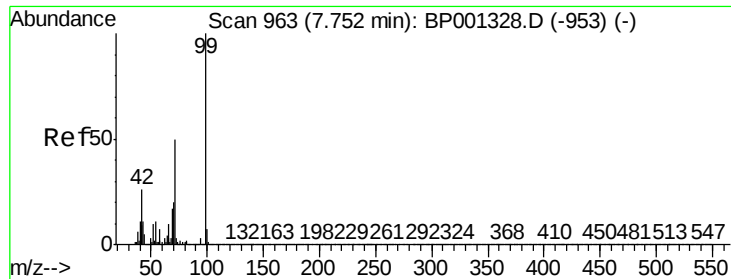
Tot Ion:	152	Resp:	21042
Ion	Ratio	Lower	Upper
152	100		
150	158.4	127.0	190.6
115	65.6	56.1	84.1



#5
2-Fluorophenol
Concen: 113.258 ng
RT: 6.20 min Scan# 699
Delta R.T. -0.00 min
Lab File: BP001481.D
Acq: 28 Dec 2019 18:02

Tgt Ion:	112	Resp:	147456
Ion	Ratio	Lower	Upper
112	100		
64	61.6	53.9	80.9
63	39.6	33.4	50.0





#7

Phenol-d6

Concen: 117.933 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

Instrument :

BNA_P

ClientSampleId :

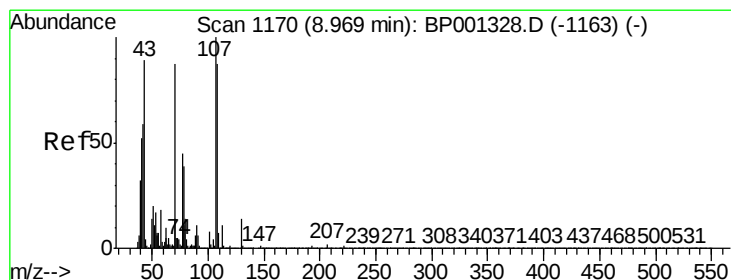
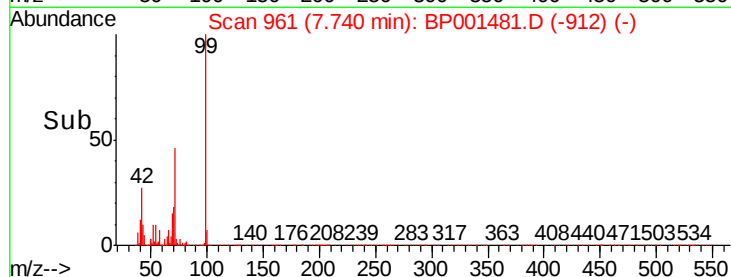
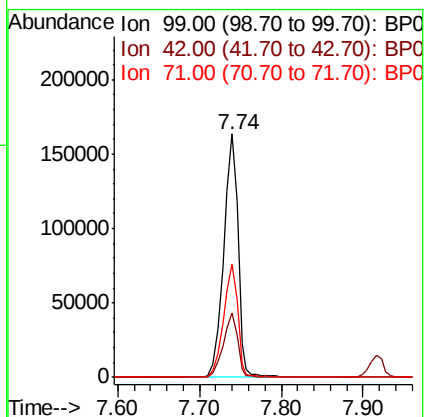
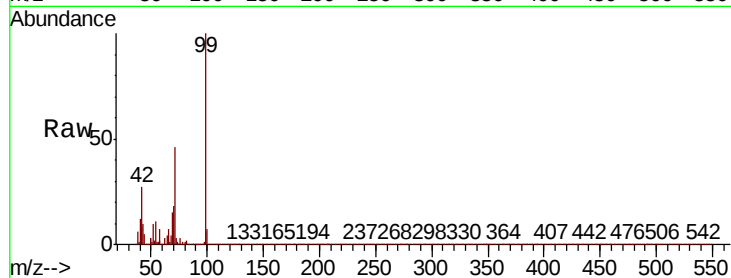
Tot Ion: 99 Resp: 200353

Ion Ratio Lower Upper

99 100

42 26.6 20.8 31.2

71 46.2 38.2 57.4



#19

n-Nitroso-di-n-propylamine

Concen: 17.648 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.20 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

Tgt Ion: 70 Resp: 21284

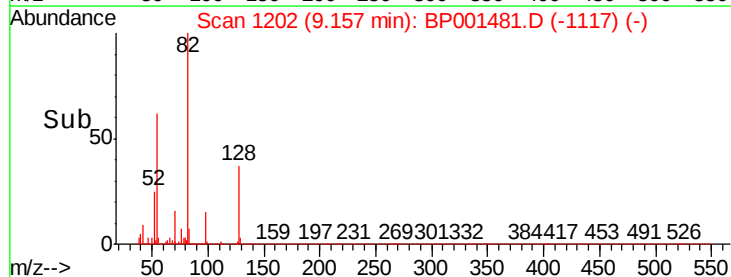
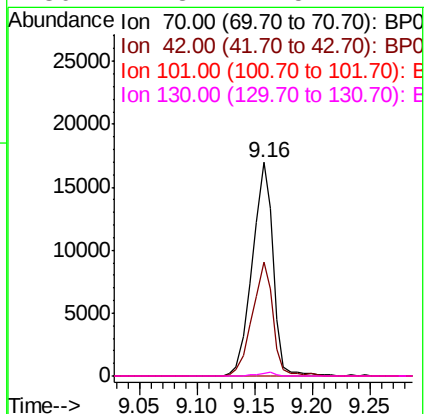
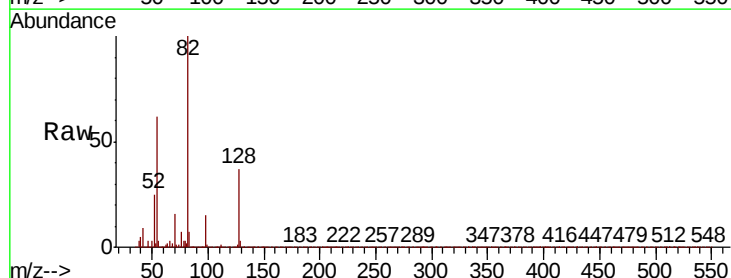
Ion Ratio Lower Upper

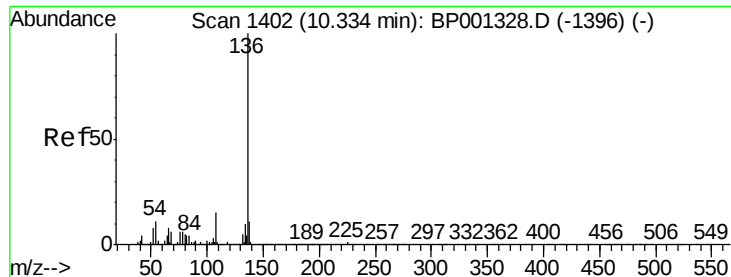
70 100

42 53.6 55.8 83.8#

101 0.0 8.2 12.2#

130 1.3 14.5 21.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.01 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

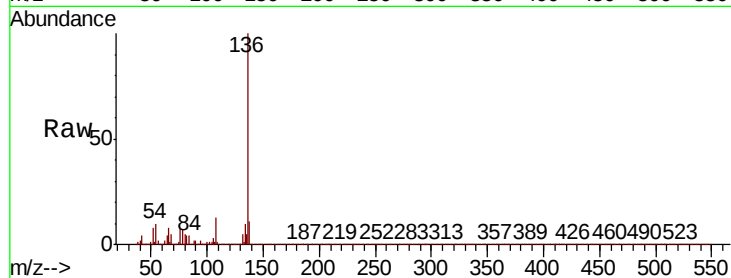
Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 75692

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.6	7.3	10.9
68	5.3	3.8	5.6

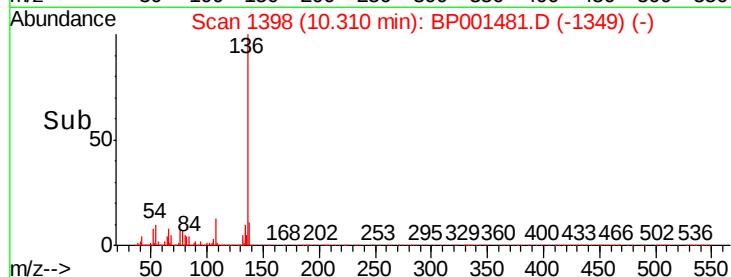


Abundance Ion 136.00 (135.70 to 136.70): E

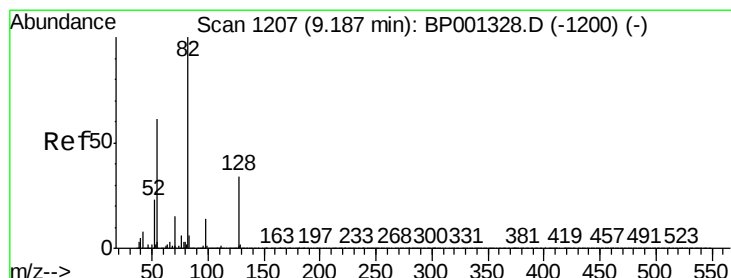
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



Time-->



#23

Nitrobenzene-d5

Concen: 67.830 ng

RT: 9.16 min Scan# 1202

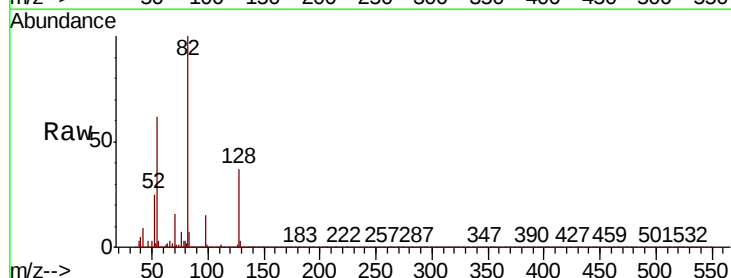
Delta R.T. -0.02 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

Tgt Ion: 82 Resp: 133698

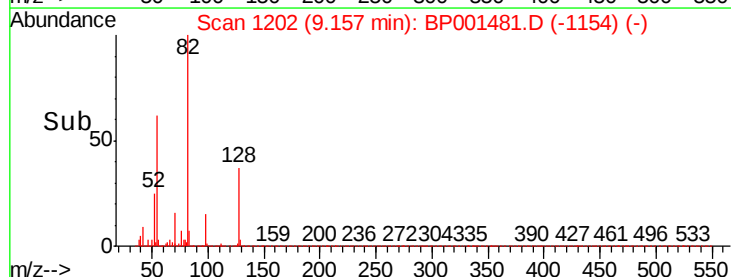
Ion	Ratio	Lower	Upper
82	100		
128	37.0	27.4	41.0
54	62.0	47.5	71.3



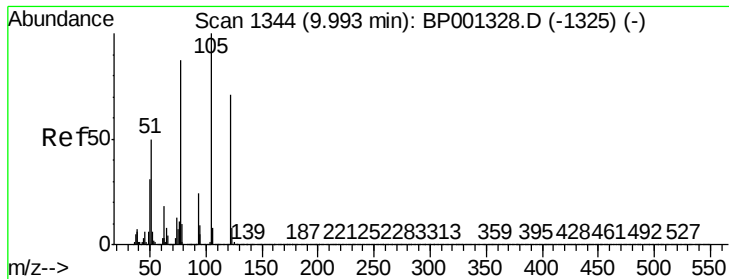
Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0



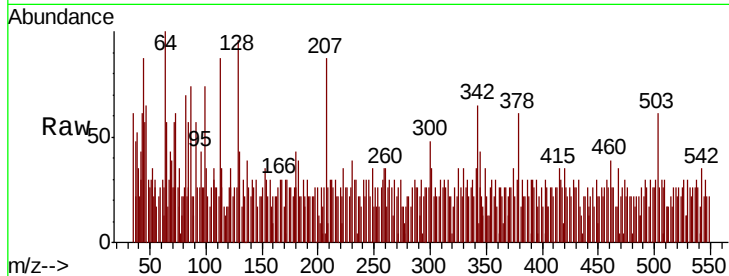
Time-->



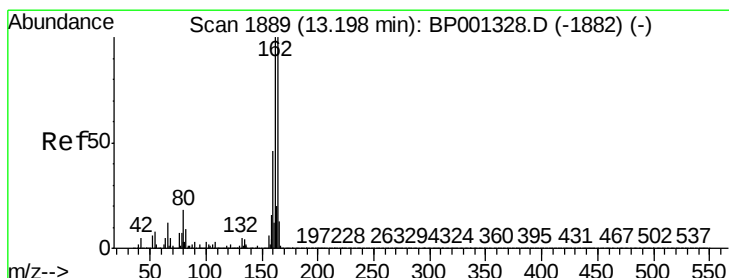
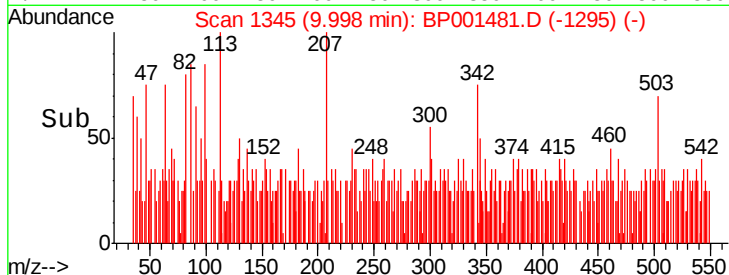
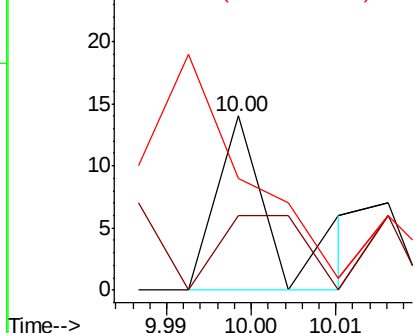
#32
Benzoic acid
Concen: 5.030 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BP001481.D
Acq: 28 Dec 2019 18:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	42.9	117.8	157.8#
77	64.3	85.6	125.6#



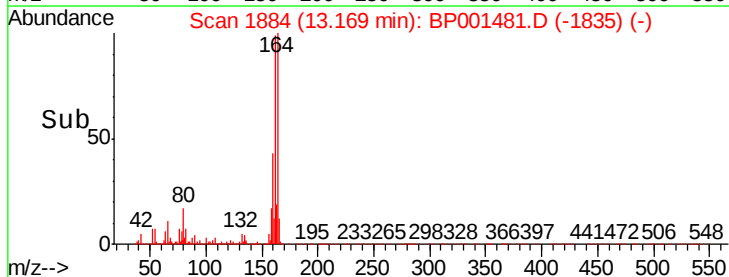
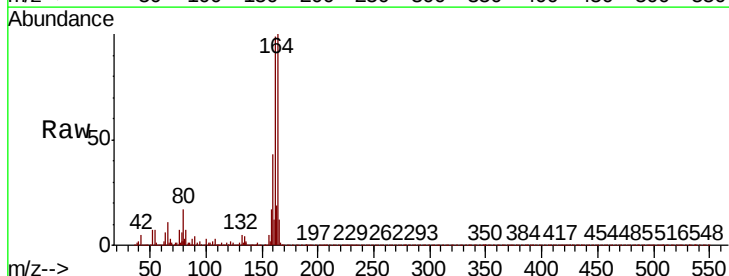
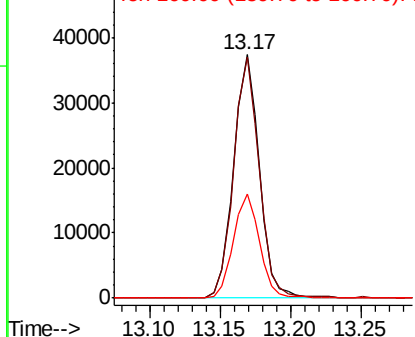
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BP0

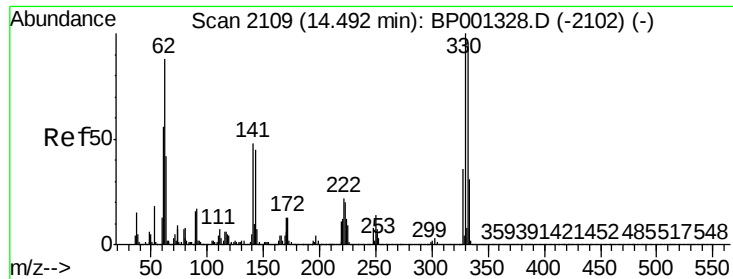


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.17 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BP001481.D
Acq: 28 Dec 2019 18:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.2	117.4
160	42.9	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: 117.364 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

Instrument :

BNA_P

ClientSampleId :

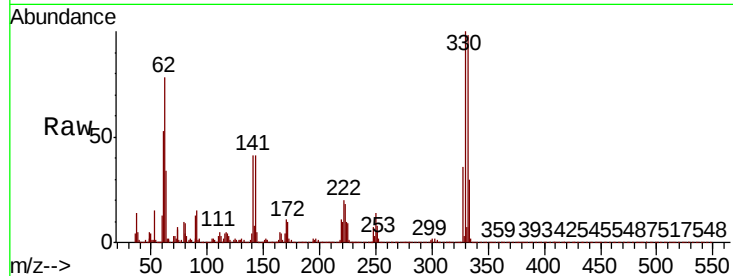
Tot Ion:330 Resp: 69953

Ion Ratio Lower Upper

330 100

332 97.2 78.3 117.5

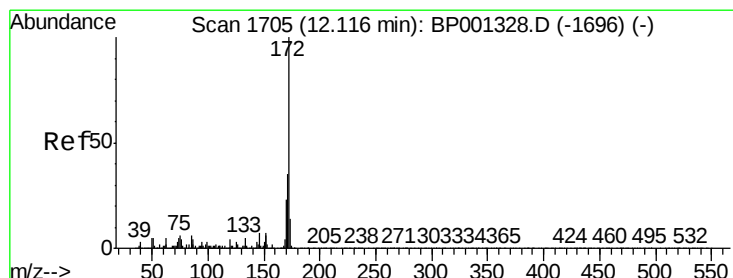
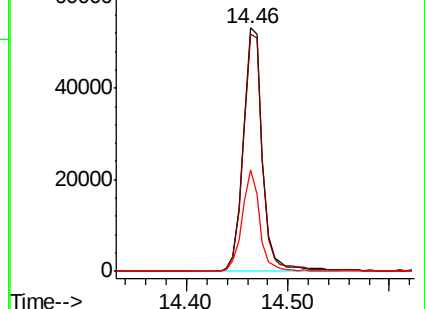
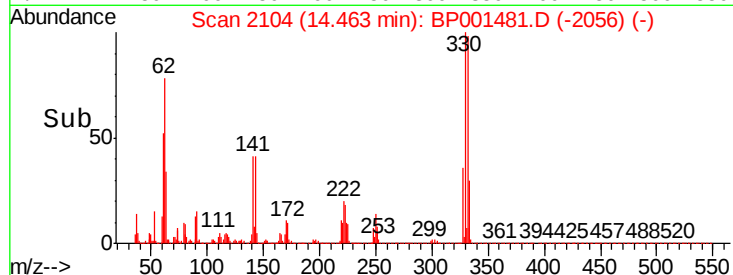
141 38.3 26.8 40.2



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: 75.186 ng

RT: 12.09 min Scan# 1700

Delta R.T. -0.01 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

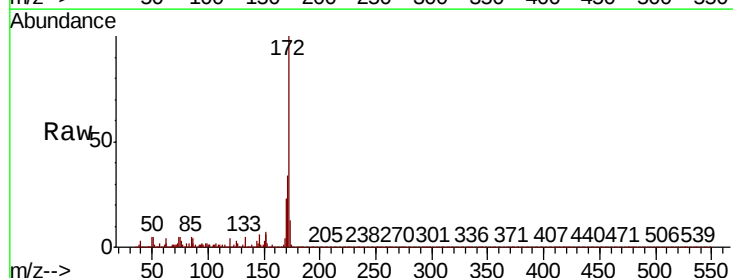
Tgt Ion:172 Resp: 283470

Ion Ratio Lower Upper

172 100

171 34.2 27.4 41.0

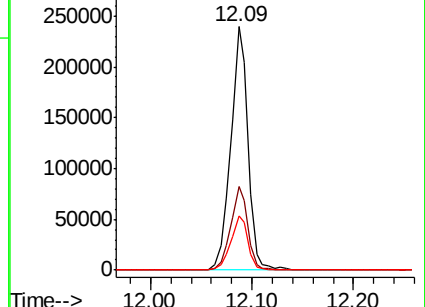
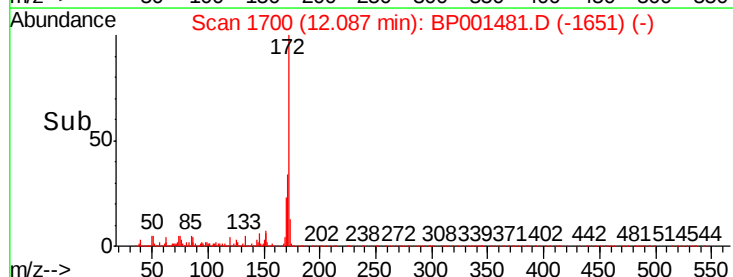
170 22.5 18.2 27.4

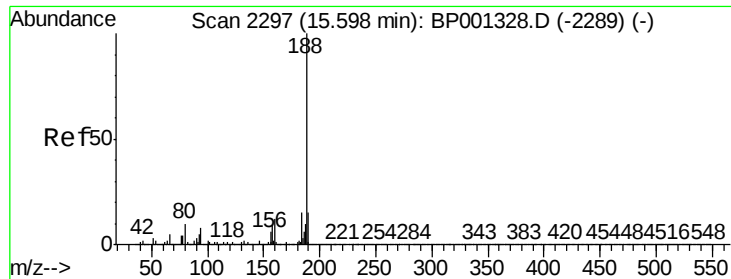


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2292

Delta R.T. -0.01 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

Instrument :

BNA_P

ClientSampleId :

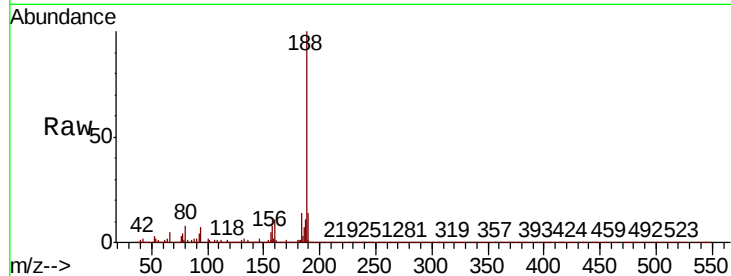
Tot Ion:188 Resp: 96491

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.8

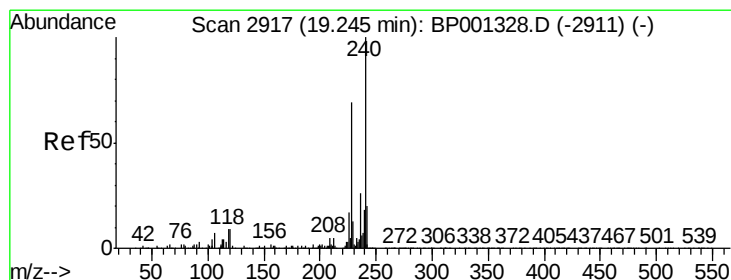
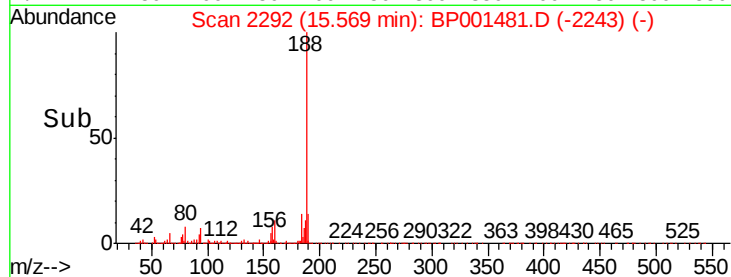
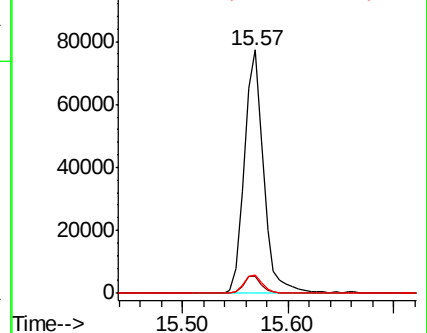
80 7.5 5.7 8.5



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: 19.21 min Scan# 2911

Delta R.T. -0.02 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

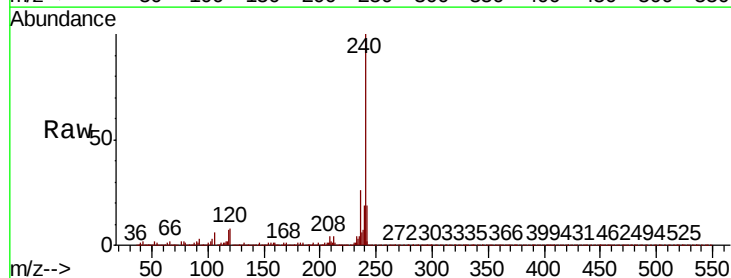
Tgt Ion:240 Resp: 83517

Ion Ratio Lower Upper

240 100

120 7.9 6.2 9.2

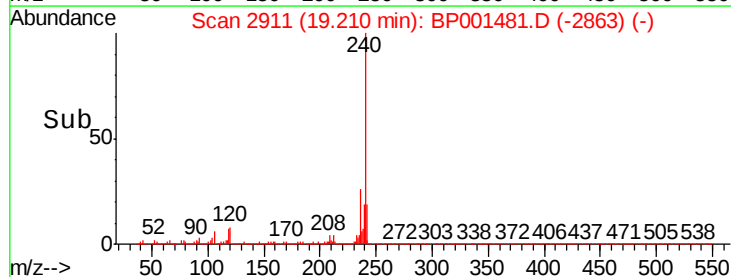
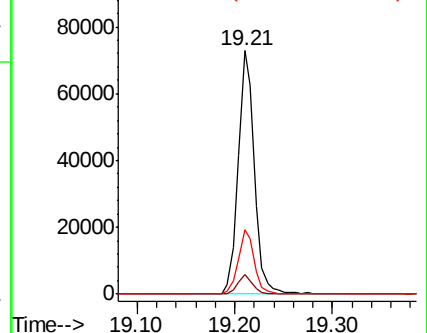
236 26.3 20.2 30.2

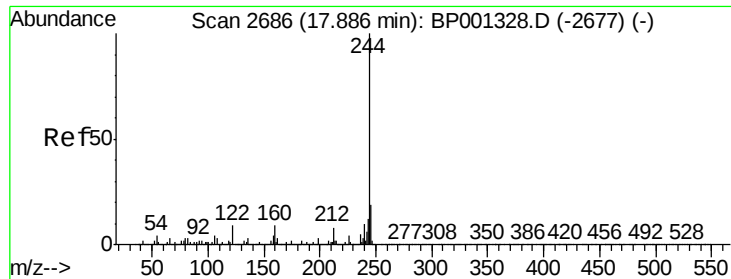


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.524 ng

RT: 17.86 min Scan# 2681

Delta R.T. -0.01 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

Instrument :

BNA_P

ClientSampleId :

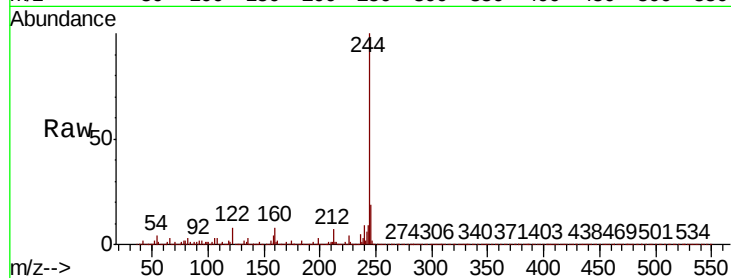
Tot Ion:244 Resp: 407276

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

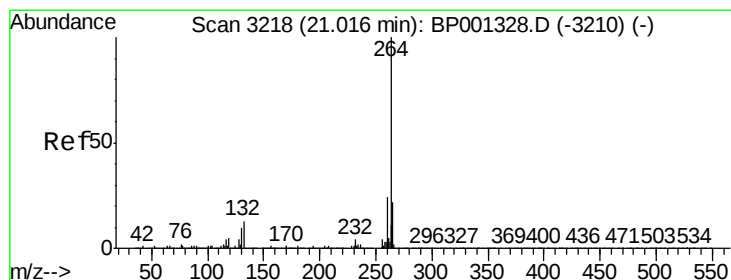
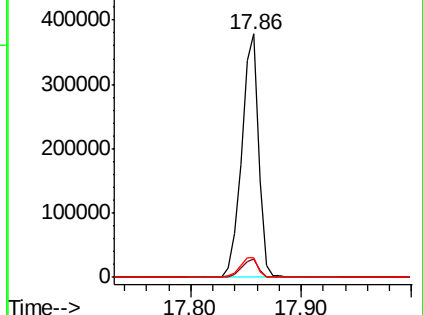
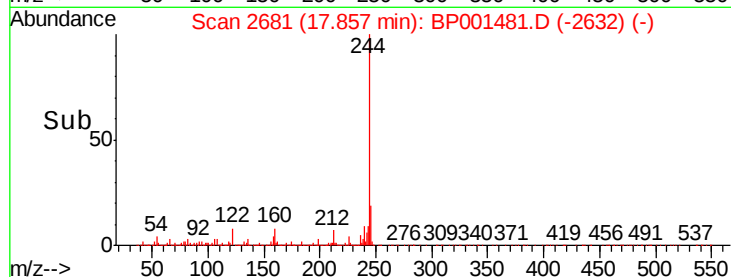
122 7.9 6.4 9.6



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: 20.97 min Scan# 3211

Delta R.T. -0.02 min

Lab File: BP001481.D

Acq: 28 Dec 2019 18:02

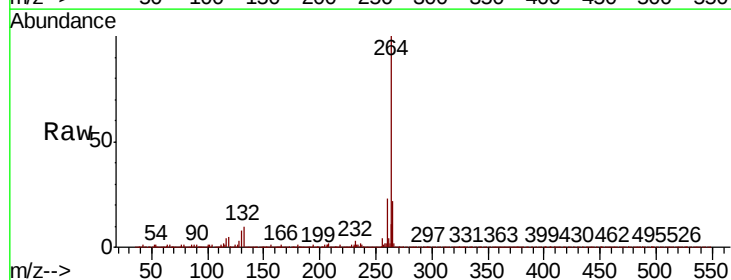
Tgt Ion:264 Resp: 88841

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.8 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

