

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001467.D
 Acq On : 27 Dec 2019 19:45
 Operator : JU
 Sample : K6435-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 28 03:47:20 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

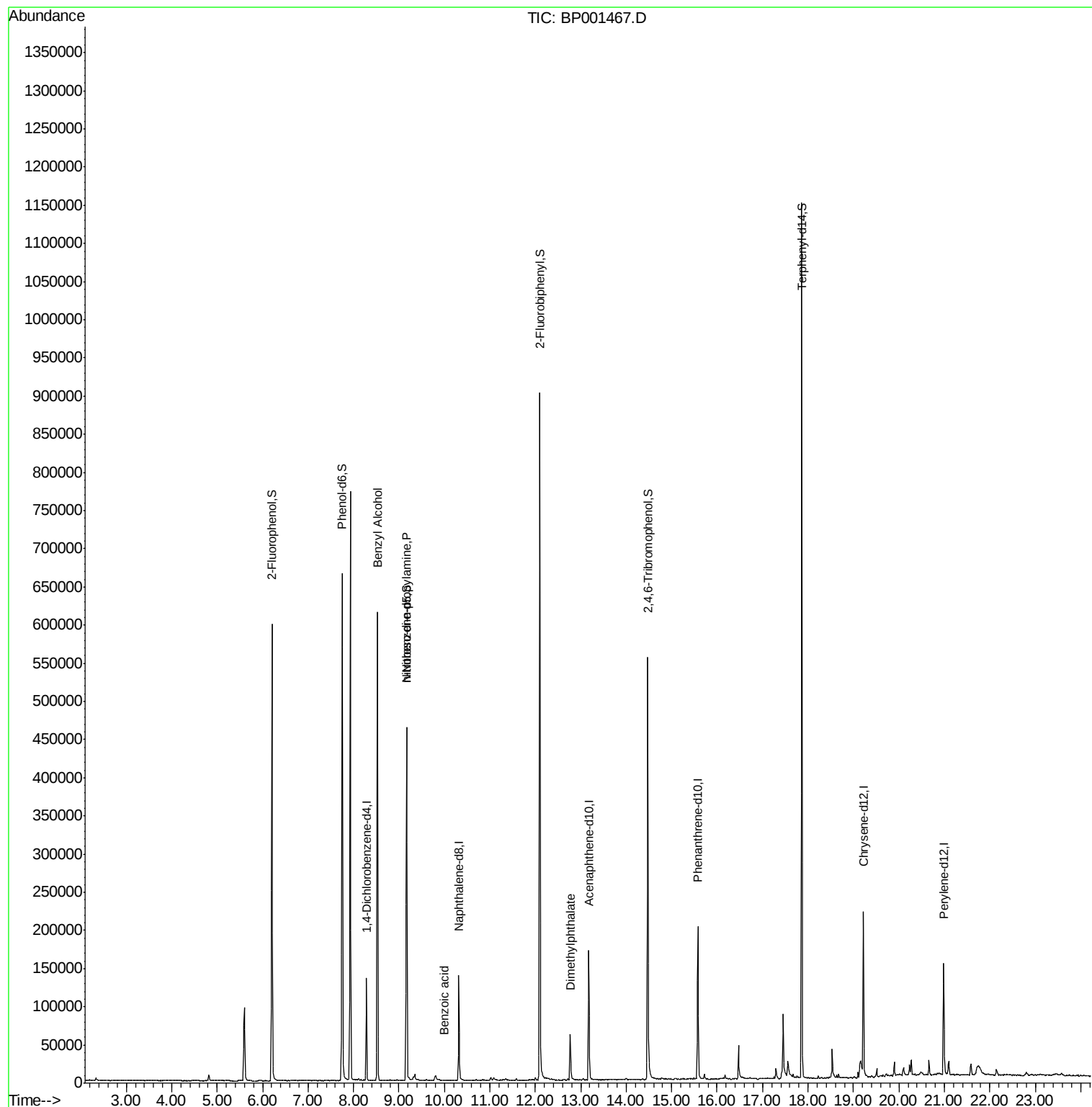
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	21969	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	74830	20.00	ng	0.00
39) Acenaphthene-d10	13.17	164	47448	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	97730	20.00	ng	0.00
76) Chrysene-d12	19.22	240	81899	20.00	ng	0.00
87) Perylene-d12	20.99	264	80841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	186369	137.11	ng	0.00
7) Phenol-d6	7.75	99	261742	147.57	ng	0.00
23) Nitrobenzene-d5	9.17	82	177509	91.09	ng	0.00
42) 2,4,6-Tribromophenol	14.47	330	80584	135.84	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	353605	94.24	ng	0.00
79) Terphenyl-d14	17.86	244	470590	98.42	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	3986	2.395	ng	# 52
19) n-Nitroso-di-n-propylamine	9.17	70	26997	21.440	ng	# 77
32) Benzoic acid	9.99	122	17	5.041	ng	# 85
50) Dimethylphthalate	12.77	163	34590	8.886	ng	99

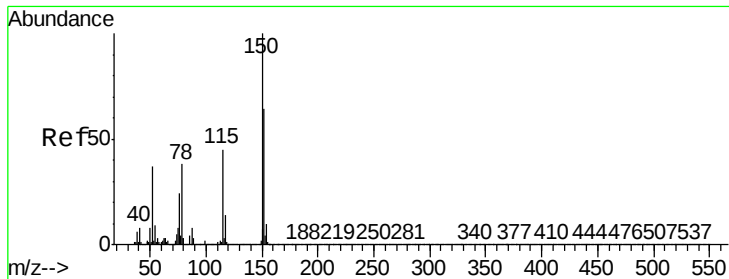
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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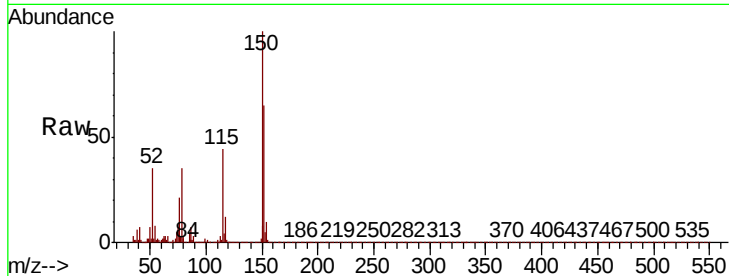




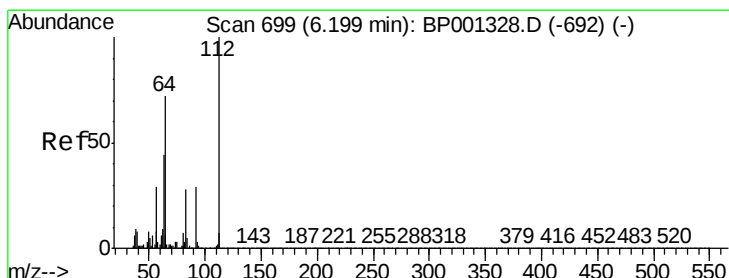
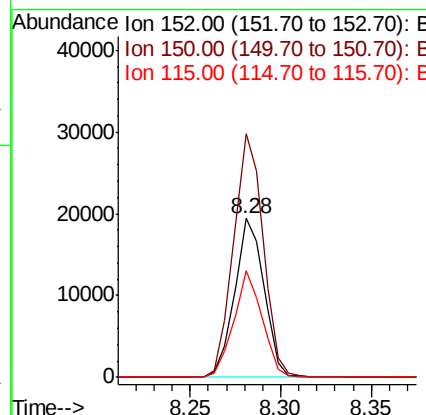
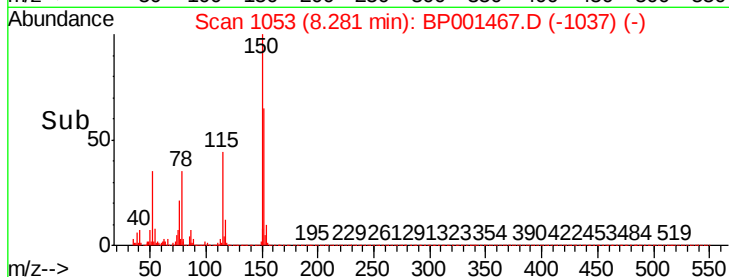
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BP001467.D
 Acq: 27 Dec 2019 19:45

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	152	Resp:	21969
Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.0	190.6
115	67.5	56.1	84.1

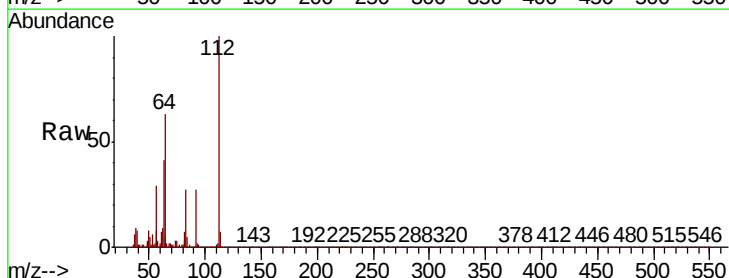


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

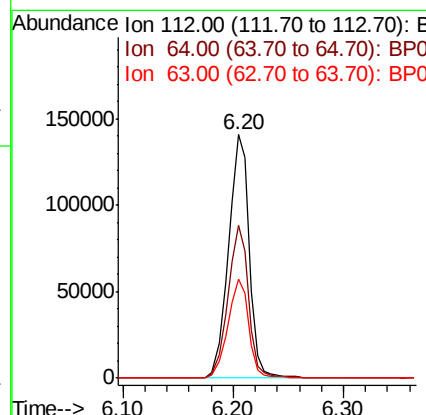
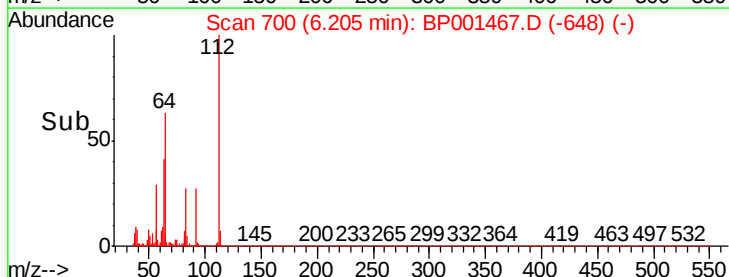


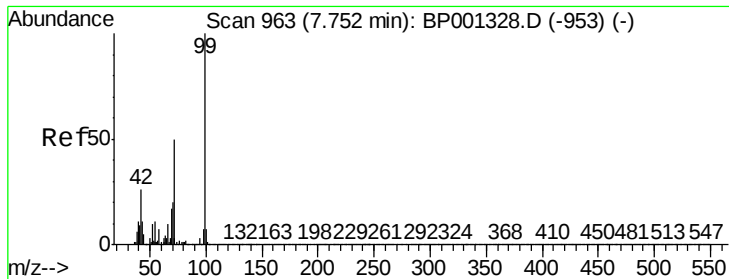
#5
 2-Fluorophenol
 Concen: 137.106 ng
 RT: 6.20 min Scan# 700
 Delta R.T. 0.01 min
 Lab File: BP001467.D
 Acq: 27 Dec 2019 19:45

Tgt Ion:	112	Resp:	186369
Ion	Ratio	Lower	Upper
112	100		
64	62.6	53.9	80.9
63	40.6	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: 147.567 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001467.D

Acq: 27 Dec 2019 19:45

Instrument :

BNA_P

ClientSampleId :

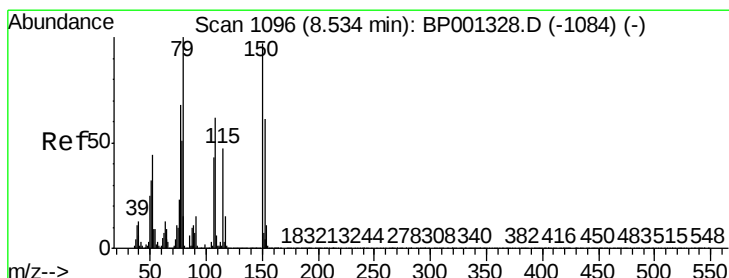
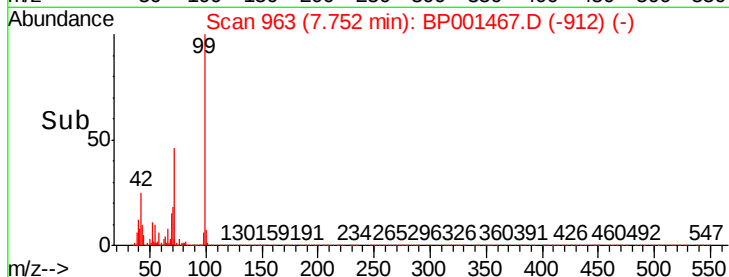
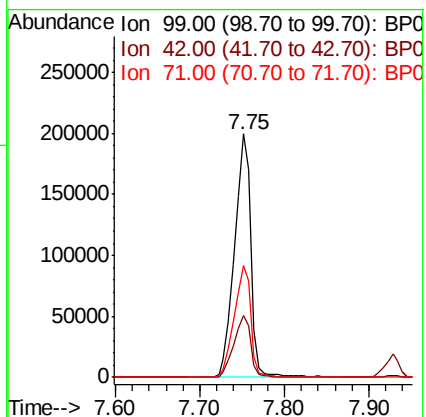
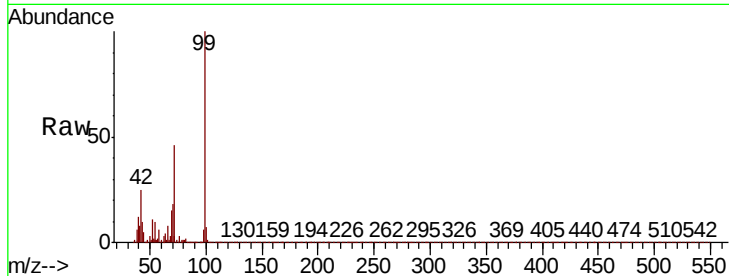
Tot Ion: 99 Resp: 261742

Ion Ratio Lower Upper

99 100

42 25.3 20.8 31.2

71 46.0 38.2 57.4



#15

Benzyl Alcohol

Concen: 2.395 ng

RT: 8.53 min Scan# 1095

Delta R.T. 0.01 min

Lab File: BP001467.D

Acq: 27 Dec 2019 19:45

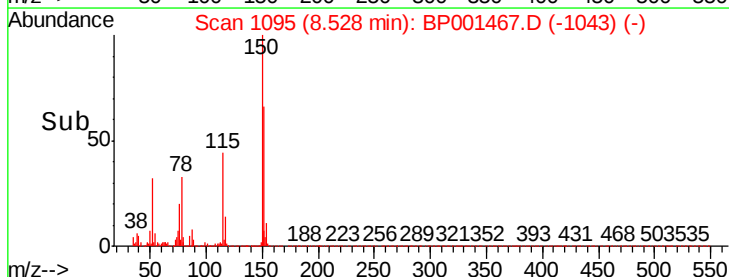
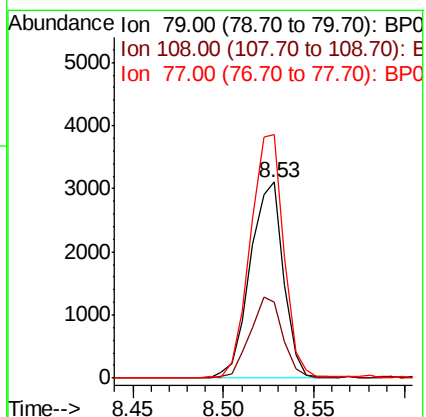
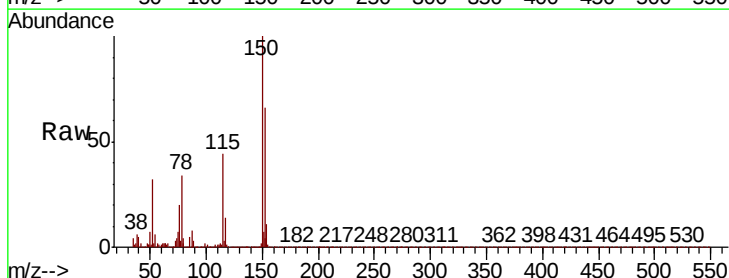
Tgt Ion: 79 Resp: 3986

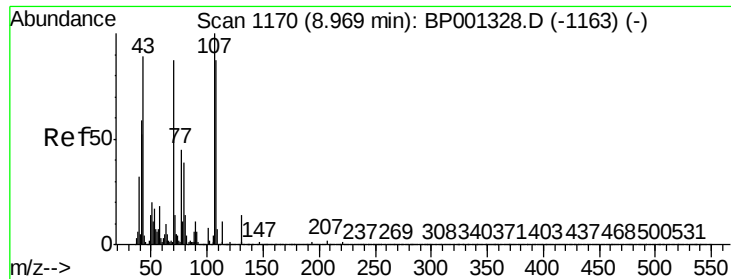
Ion Ratio Lower Upper

79 100

108 38.9 49.0 73.4#

77 124.3 56.7 85.1#

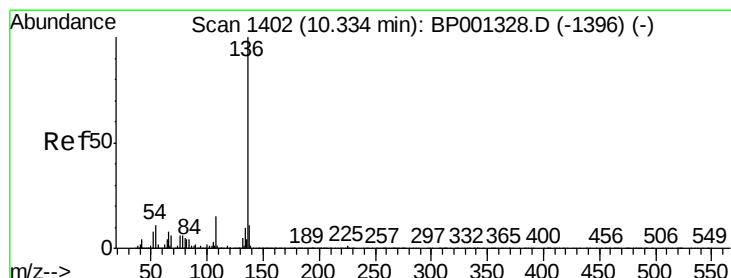
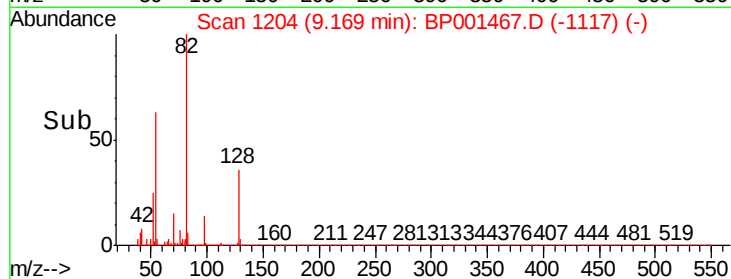
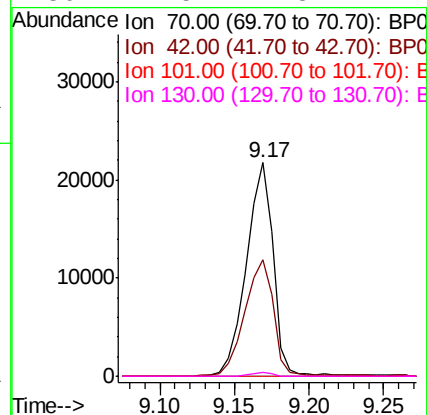
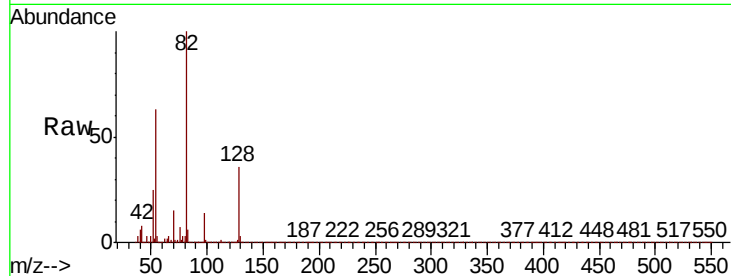




#19
n-Nitroso-di-n-propylamine
Concen: 21.440 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.21 min
Lab File: BP001467.D
Acq: 27 Dec 2019 19:45

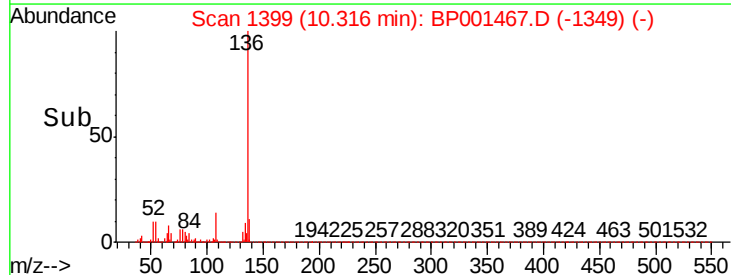
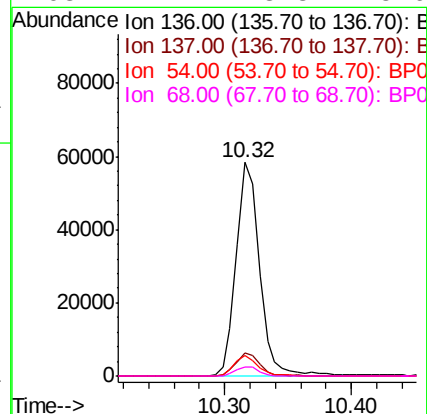
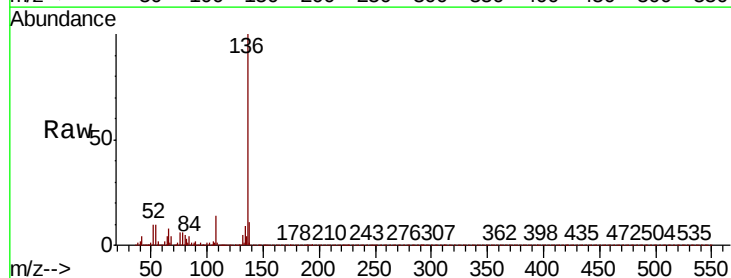
Instrument :
BNA_P
ClientSampleId :

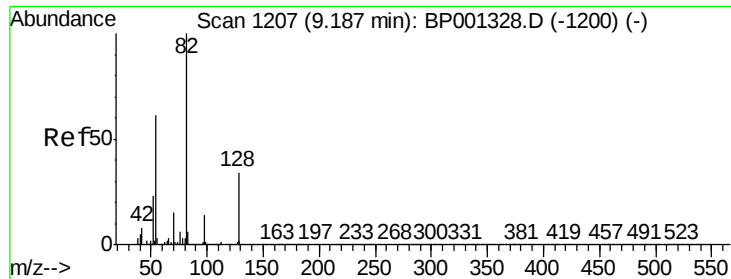
Tot Ion: 70 Resp: 26997
Ion Ratio Lower Upper
70 100
42 54.4 55.8 83.8#
101 0.0 8.2 12.2#
130 1.5 14.5 21.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001467.D
Acq: 27 Dec 2019 19:45

Tgt Ion:136 Resp: 74830
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 9.7 7.3 10.9
68 4.4 3.8 5.6

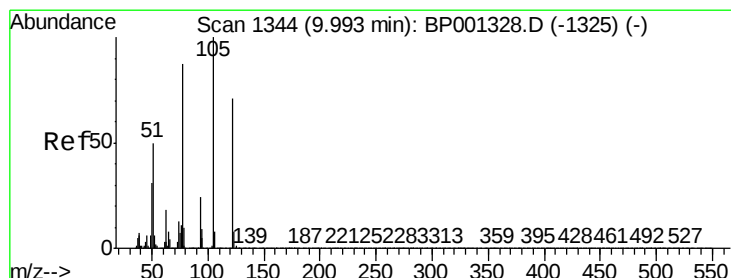
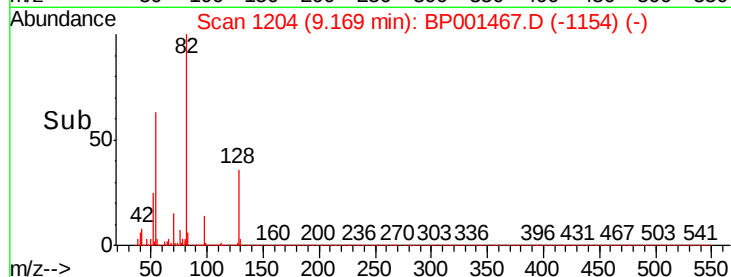
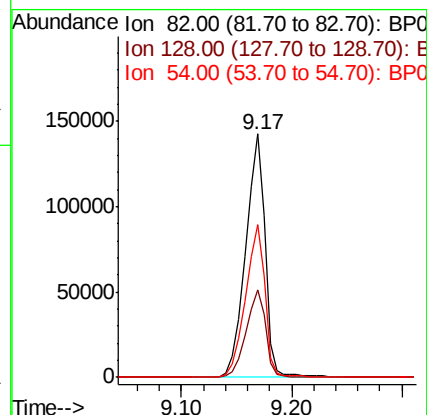
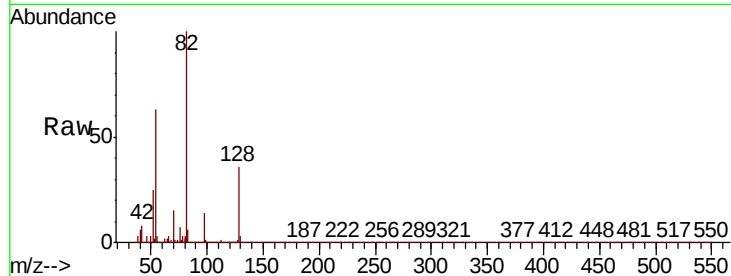




#23
Nitrobenzene-d5
Concen: 91.094 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001467.D
Acq: 27 Dec 2019 19:45

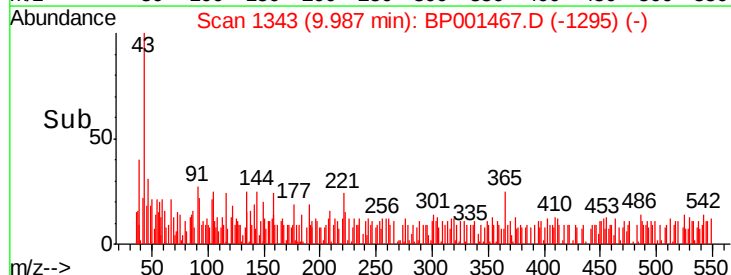
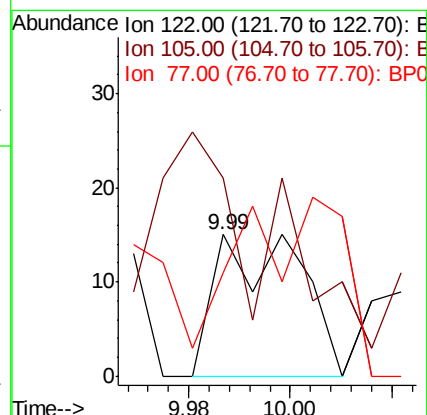
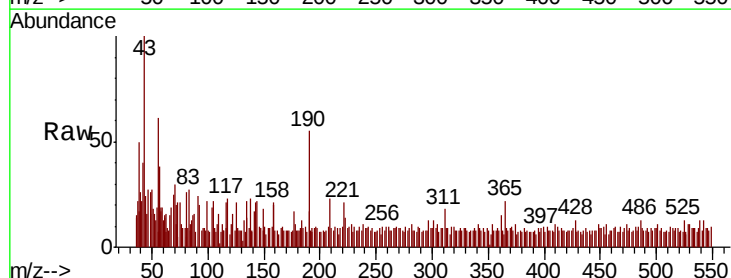
Instrument :
BNA_P
ClientSampleId :

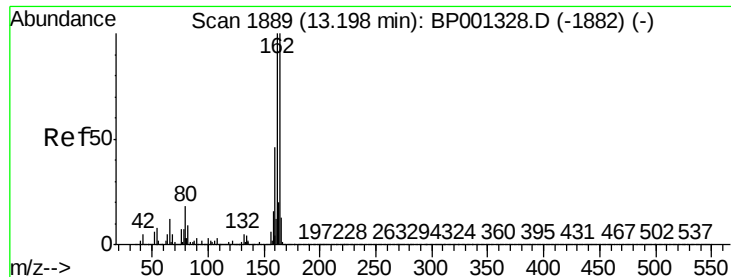
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	27.4	41.0
54	62.5	47.5	71.3



#32
Benzoic acid
Concen: 5.041 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001467.D
Acq: 27 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.0	117.8	157.8
77	73.3	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: BP001467.D

Acq: 27 Dec 2019 19:45

Instrument :

BNA_P

ClientSampled :

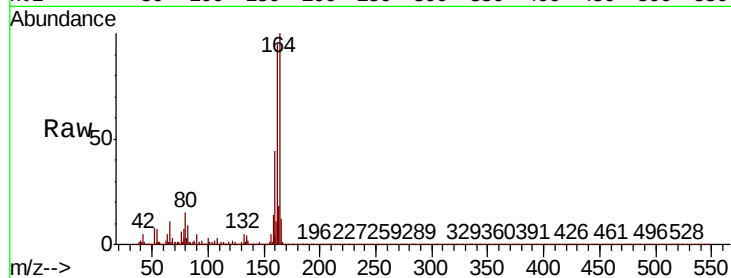
Tot Ion:164 Resp: 47448

Ion Ratio Lower Upper

164 100

162 95.1 78.2 117.4

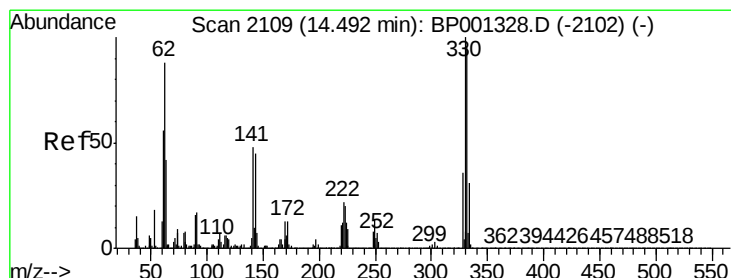
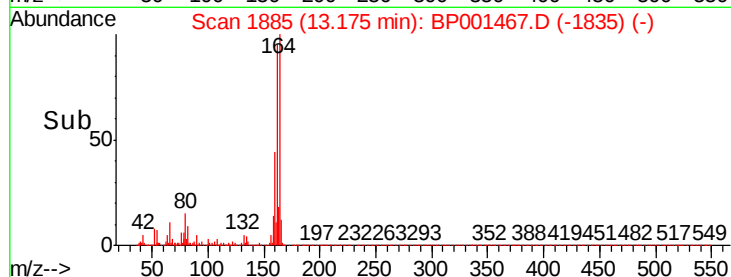
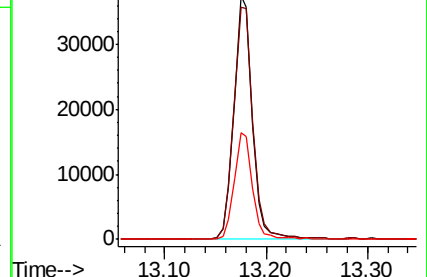
160 43.6 35.1 52.7



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: 135.844 ng

RT: 14.47 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BP001467.D

Acq: 27 Dec 2019 19:45

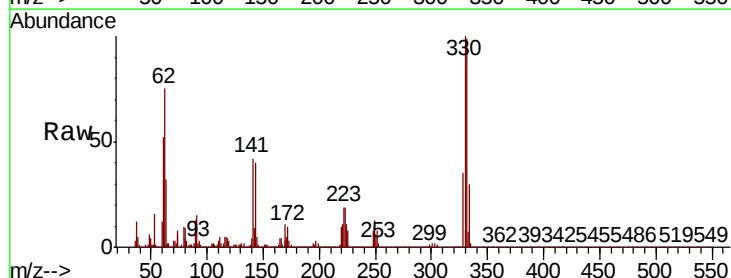
Tgt Ion:330 Resp: 80584

Ion Ratio Lower Upper

330 100

332 98.8 78.3 117.5

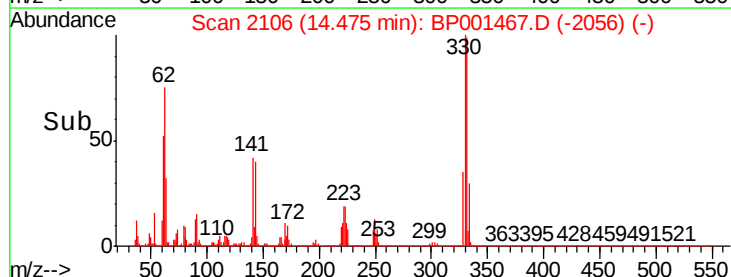
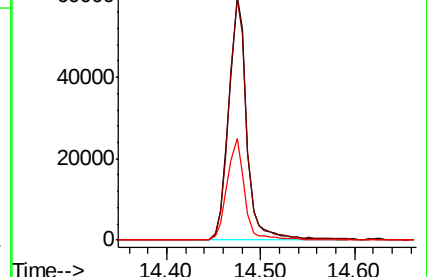
141 40.5 26.8 40.2#

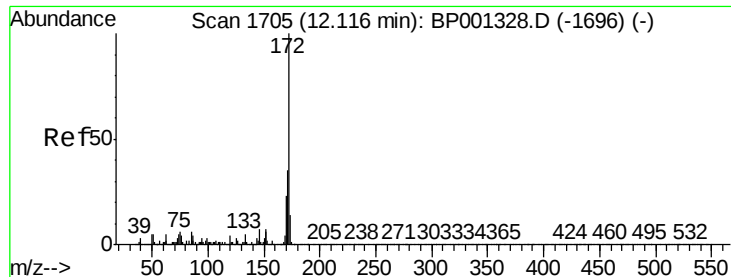


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

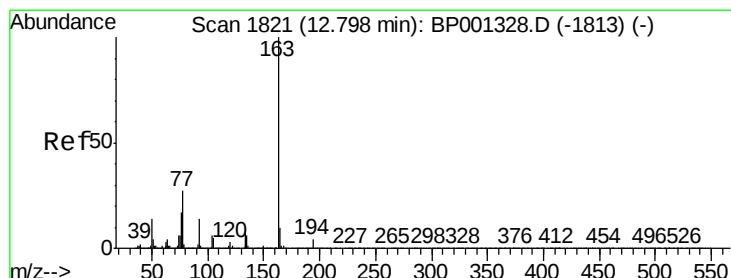
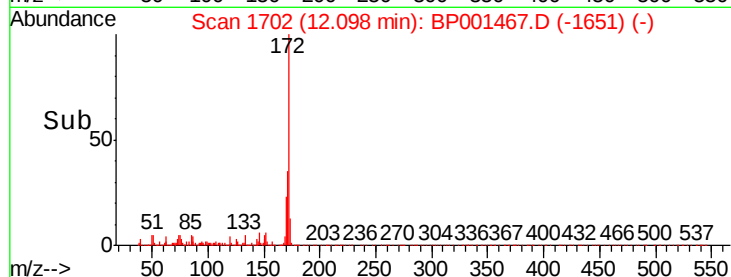
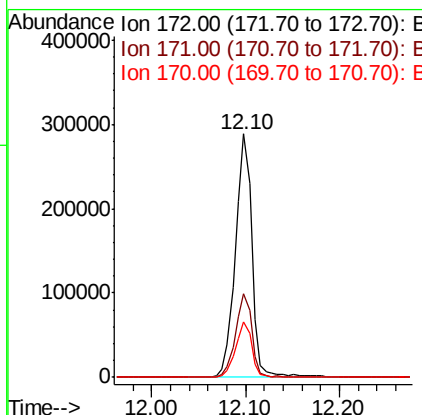
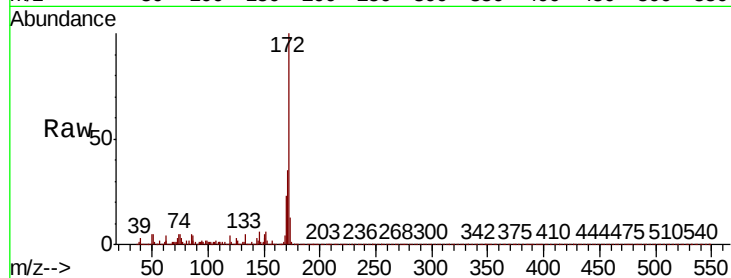




#45
2-Fluorobiphenyl
Concen: 94.236 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001467.D
Acq: 27 Dec 2019 19:45

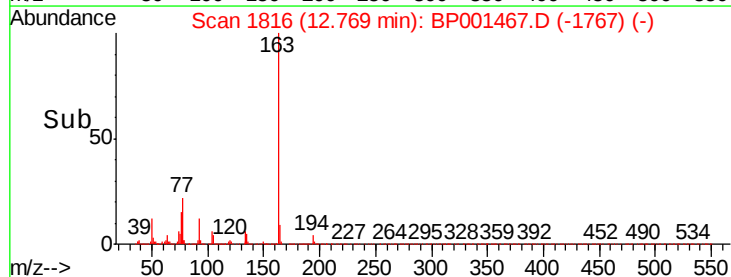
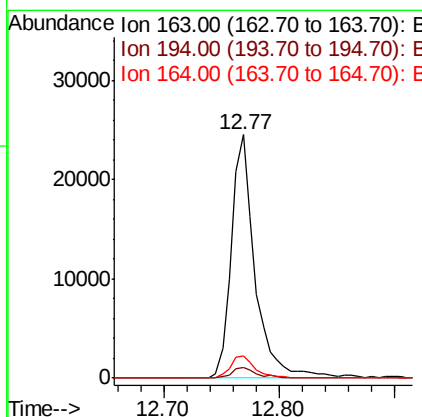
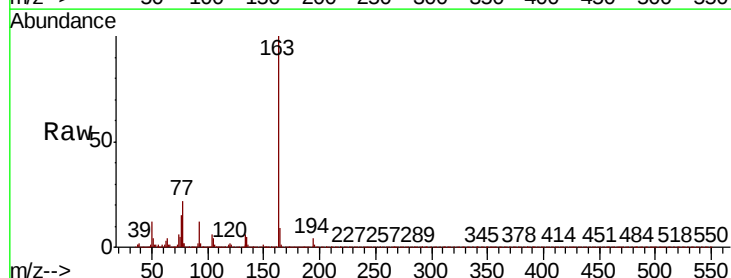
Instrument :
BNA_P
ClientSampleId :

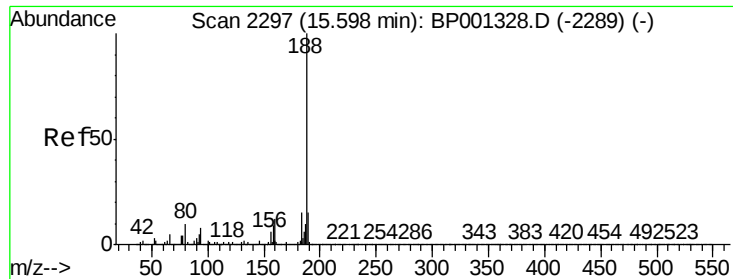
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.4	41.0
170	22.6	18.2	27.4



#50
Dimethylphthalate
Concen: 8.886 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP001467.D
Acq: 27 Dec 2019 19:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.3	7.7	11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BP001467.D

Acq: 27 Dec 2019 19:45

Instrument :

BNA_P

ClientSampled :

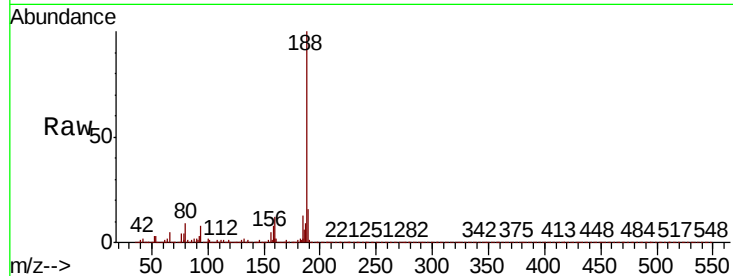
Tot Ion:188 Resp: 97730

Ion Ratio Lower Upper

188 100

94 7.5 5.8 8.8

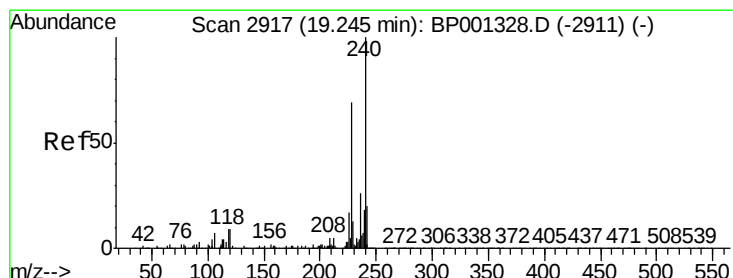
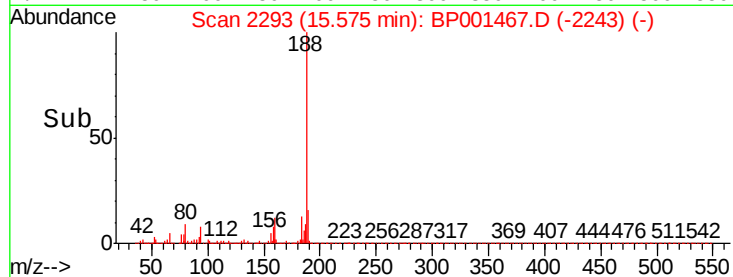
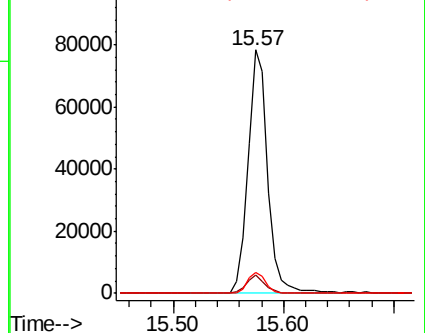
80 8.7 5.7 8.5#



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: BP001467.D

Acq: 27 Dec 2019 19:45

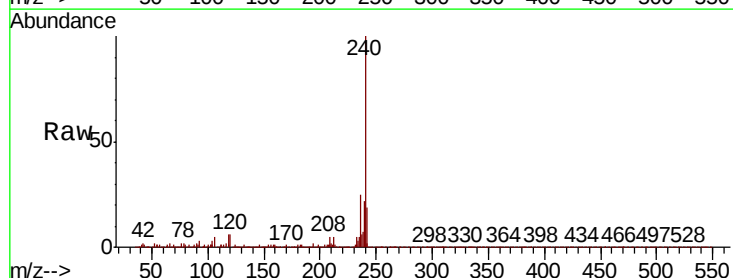
Tgt Ion:240 Resp: 81899

Ion Ratio Lower Upper

240 100

120 5.9 6.2 9.2#

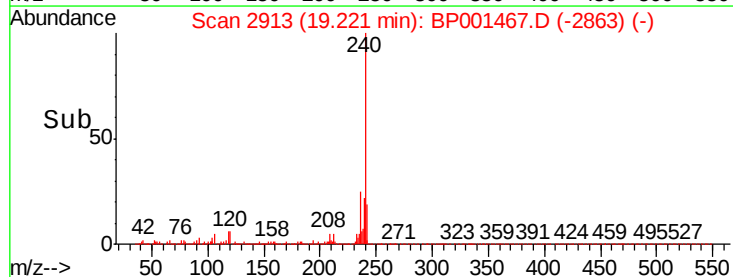
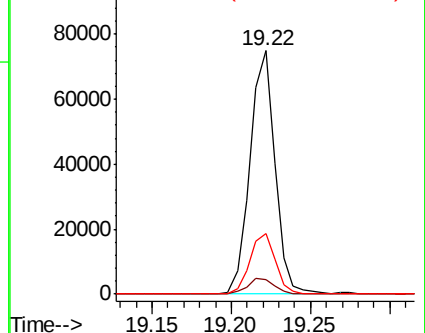
236 25.0 20.2 30.2

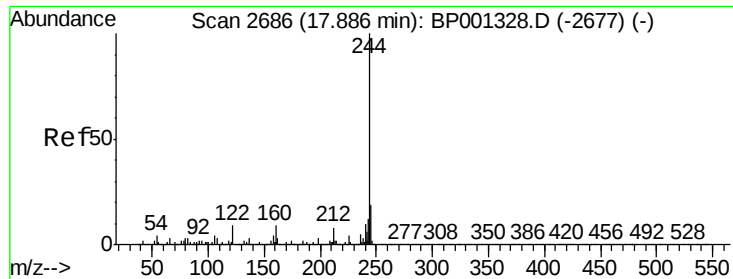


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.415 ng

RT: 17.86 min Scan# 2682

Delta R.T. -0.01 min

Lab File: BP001467.D

Acq: 27 Dec 2019 19:45

Instrument :

BNA_P

ClientSampled :

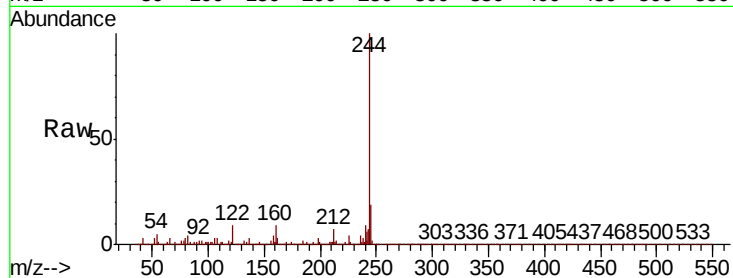
Tot Ion:244 Resp: 470590

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

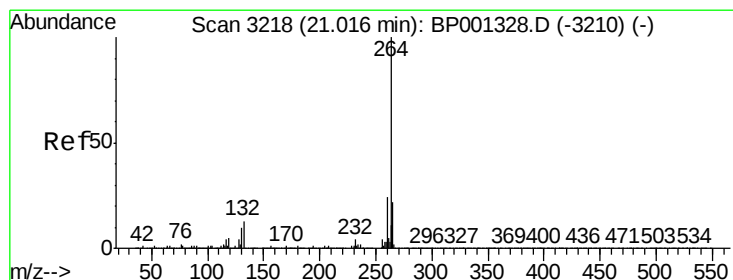
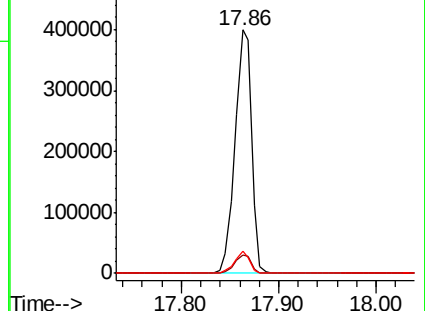
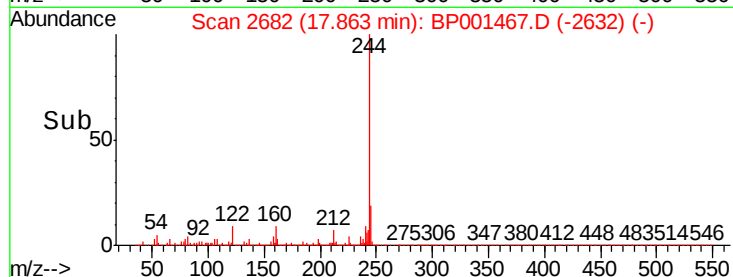
122 9.1 6.4 9.6



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: 20.99 min Scan# 3213

Delta R.T. -0.01 min

Lab File: BP001467.D

Acq: 27 Dec 2019 19:45

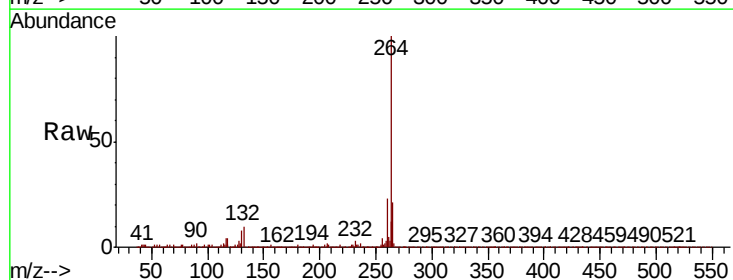
Tgt Ion:264 Resp: 80841

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.4 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

