

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092116\
 Data File : BF090183.D
 Acq On : 22 Sep 2016 2:28
 Operator : UM/SJ
 Sample : H4856-15 2X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Quant Time: Sep 22 04:31:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

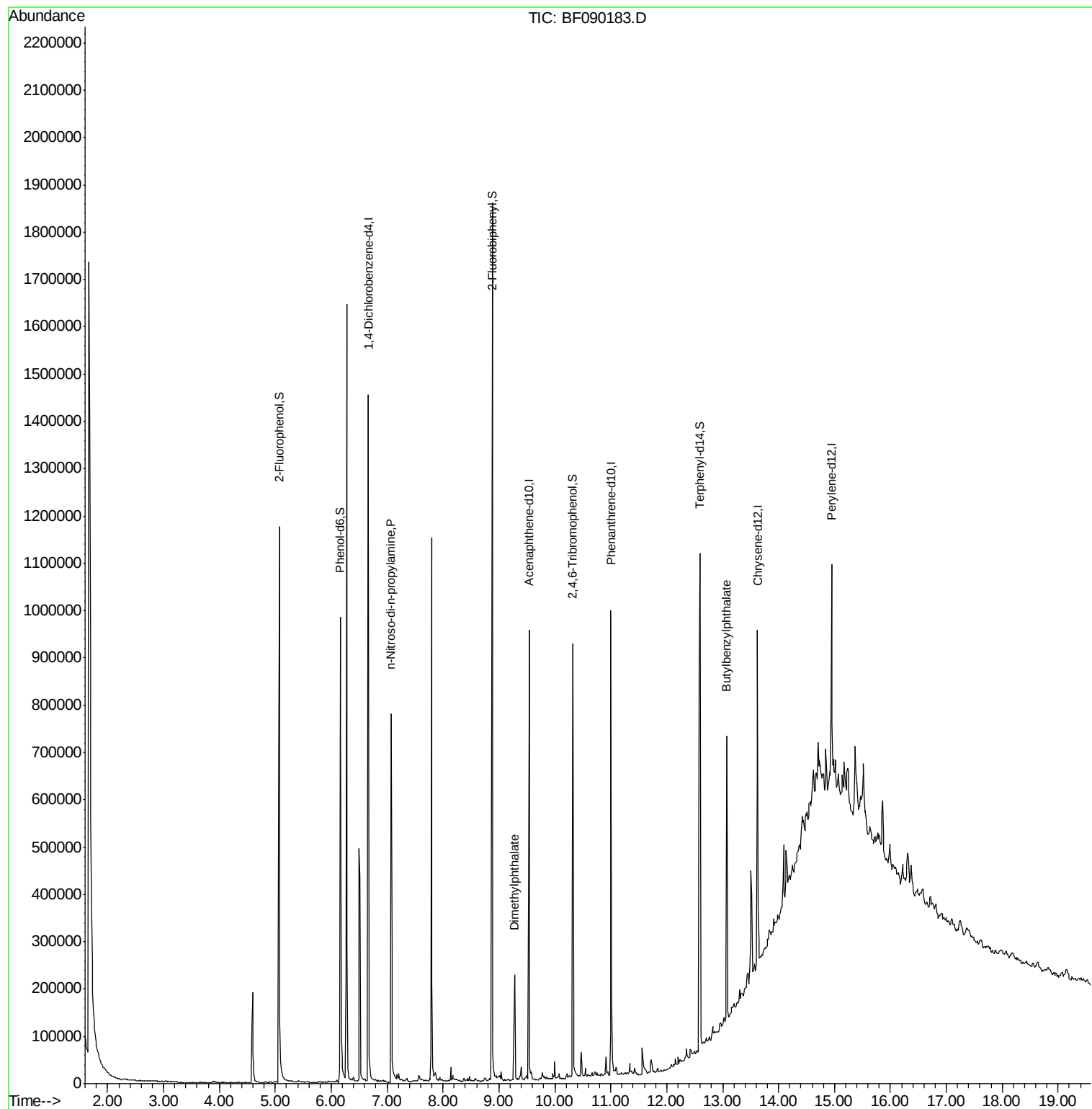
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	213950	20.00	ng	0.14
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.82
38) Acenaphthene-d10	9.54	164	239348	20.00	ng	-0.01
63) Phenanthrene-d10	11.00	188	347358	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	306382	20.00	ng	-0.01
86) Perylene-d12	14.95	264	203844	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	500952	38.17	ng	0.00
7) Phenol-d6	6.16	99	602781	37.19	ng	-0.01
23) Nitrobenzene-d5	7.07	82	319511	0.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.32	330	113542	55.29	ng	-0.02
44) 2-Fluorobiphenyl	8.88	172	691301	56.70	ng	-0.01
78) Terphenyl-d14	12.59	244	465096	38.54	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.07	70	39191	4.12	ng	Qvalue # 80
49) Dimethylphthalate	9.28	163	111323	7.30	ng	99
79) Butylbenzylphthalate	13.07	149	136114	13.27	ng	88

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 444

Delta R.T. 0.14 min

Lab File: BF090183.D

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SS-3

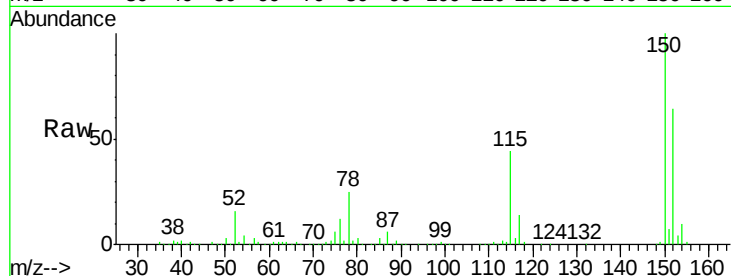
Tgt Ion:152 Resp: 213950

Ion Ratio Lower Upper

152 100

150 156.4 128.9 193.3

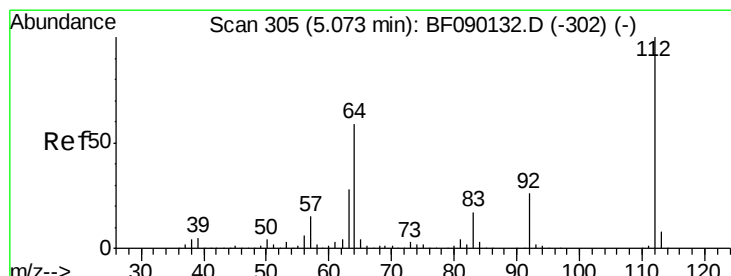
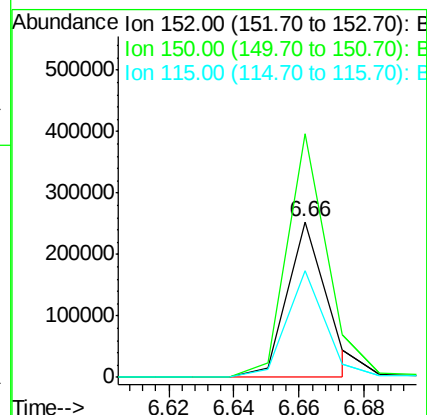
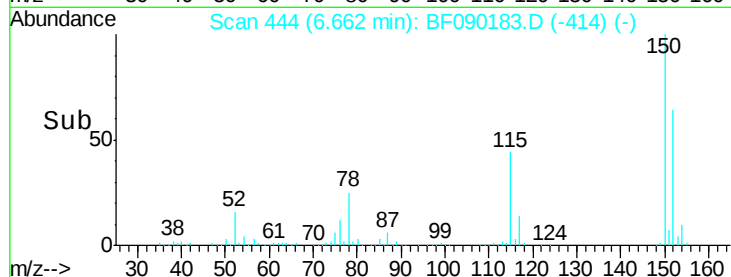
115 68.8 55.5 83.3



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: 38.17 ng

RT: 5.07 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF090183.D

Acq: 22 Sep 2016 2:28

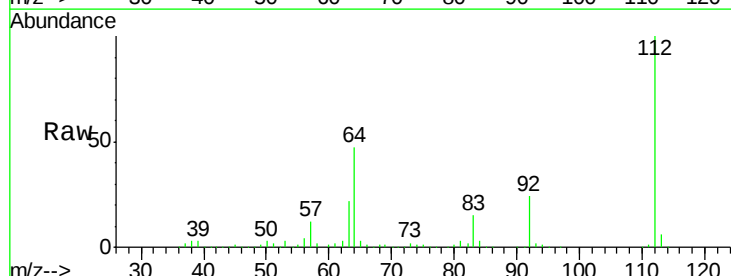
Tgt Ion:112 Resp: 500952

Ion Ratio Lower Upper

112 100

64 46.6 39.8 59.6

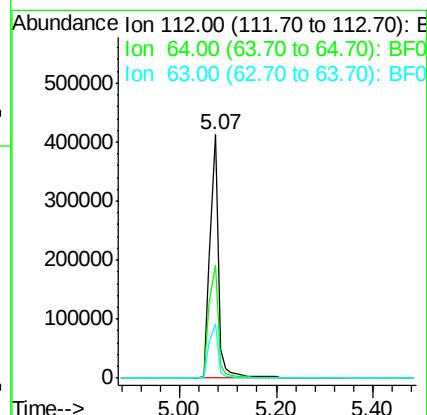
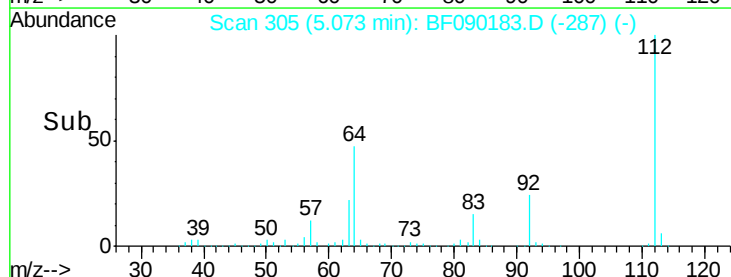
63 22.2 18.9 28.3

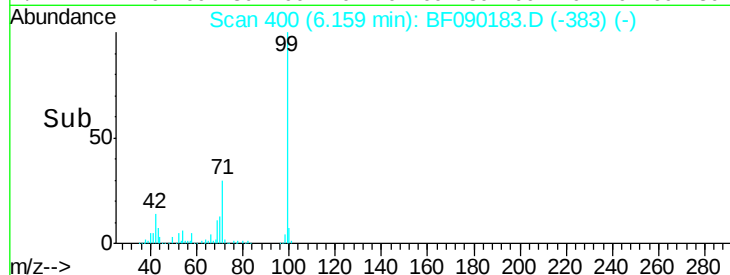
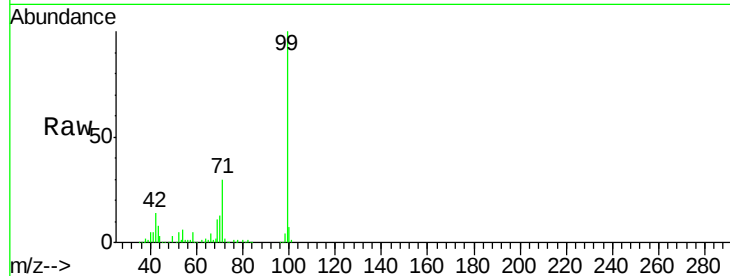


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.19 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090183.D

Acq: 22 Sep 2016 2:28

Instrument :

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ClientSampleId :

SS-3

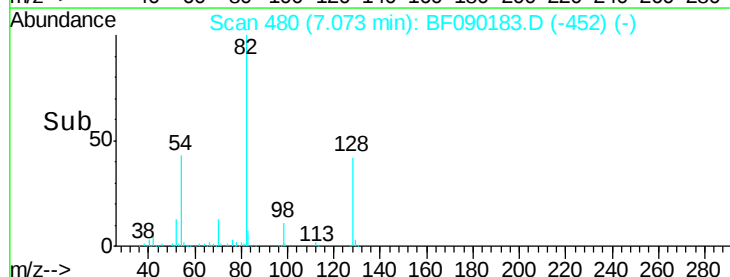
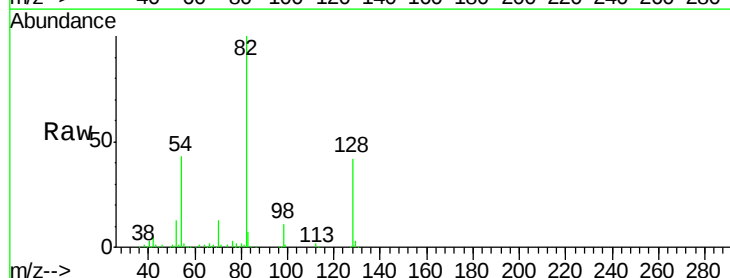
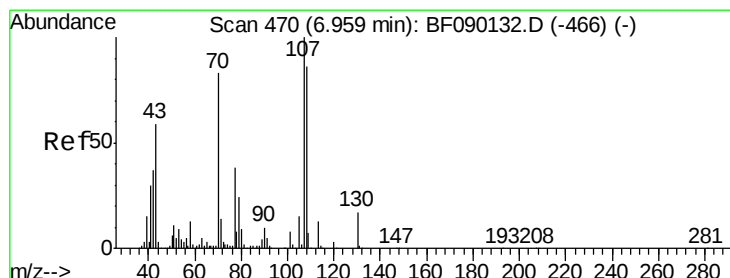
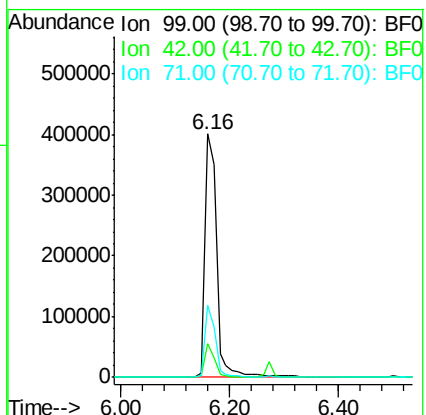
Tgt Ion: 99 Resp: 602781

Ion Ratio Lower Upper

99 100

42 14.0 10.6 15.8

71 29.7 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 4.12 ng

RT: 7.07 min Scan# 480

Delta R.T. 0.12 min

Lab File: BF090183.D

Acq: 22 Sep 2016 2:28

Tgt Ion: 70 Resp: 39191

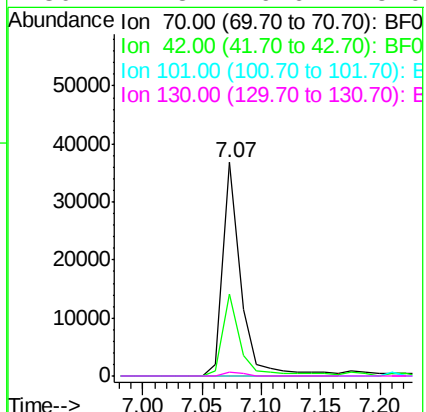
Ion Ratio Lower Upper

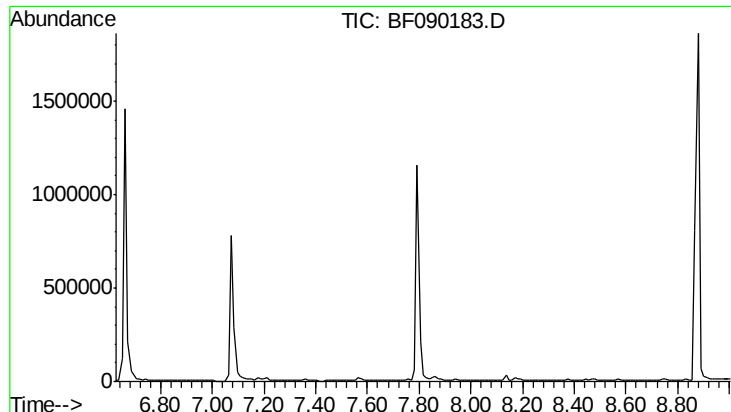
70 100

42 38.3 35.1 52.7

101 0.0 7.5 11.3#

130 1.8 16.6 25.0#

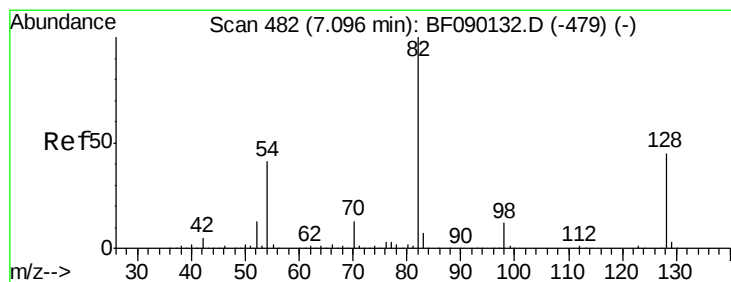
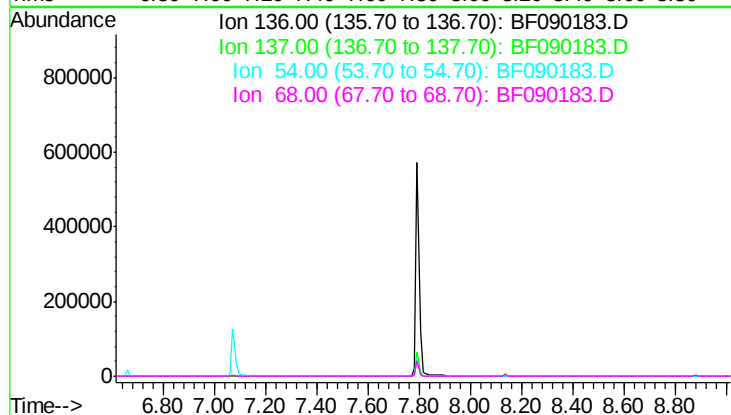




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.82 min
Lab File: BF090183.D
Acq: 22 Sep 2016 2:28

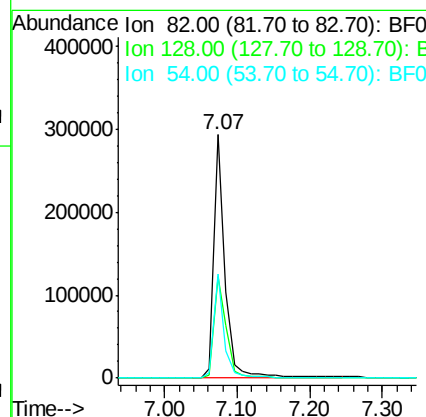
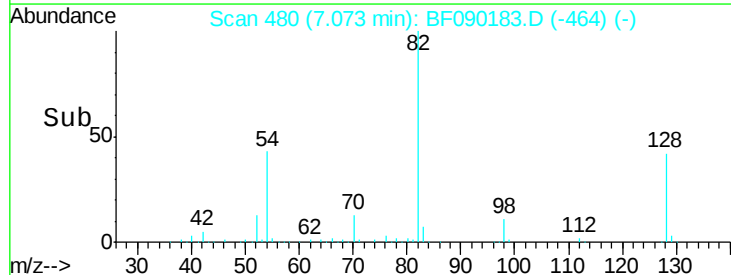
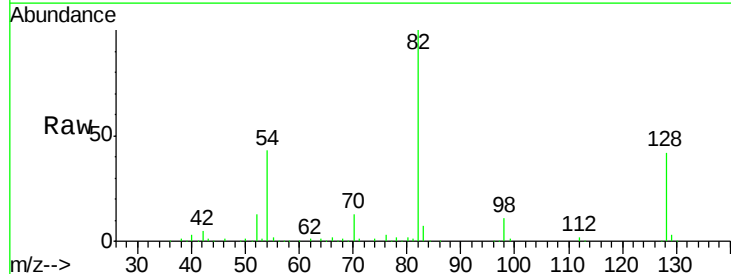
Instrument :
BNA_F
ClientSampleId :
SS-3

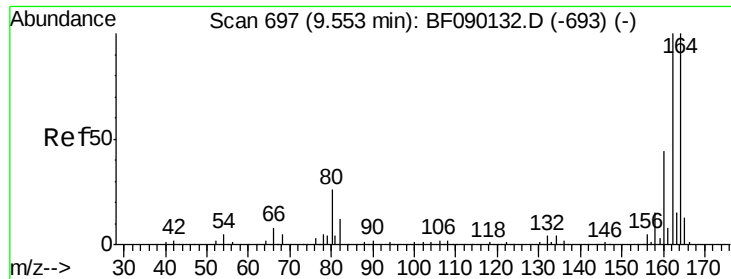
Tgt Ion: 136
Sig Exp Ratio
136 100
137 11.2
54 8.0
68 7.9



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.02 min
Lab File: BF090183.D
Acq: 22 Sep 2016 2:28

Tgt Ion: 82 Resp: 319511
Ion Ratio Lower Upper
82 100
128 41.9 37.5 56.3
54 42.9 31.9 47.9

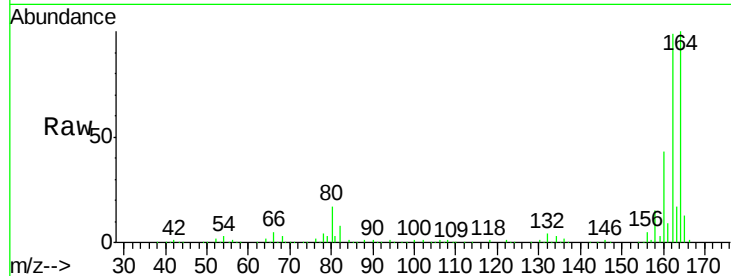




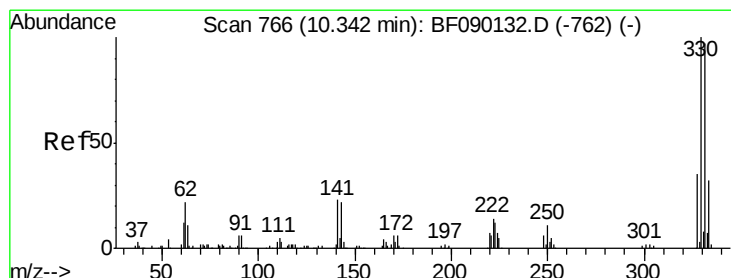
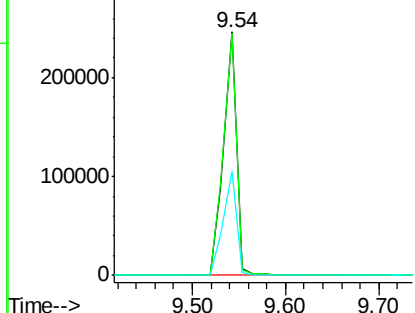
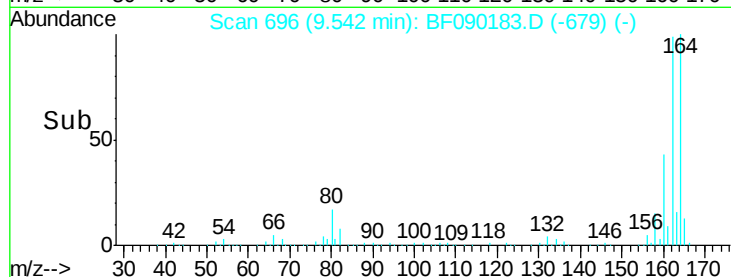
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.54 min Scan# 696
 Delta R.T. -0.01 min
 Lab File: BF090183.D
 Acq: 22 Sep 2016 2:28

Instrument :
 BNA_F
 ClientSampleId :
 SS-3

Tgt Ion:164 Resp: 239348
 Ion Ratio Lower Upper
 164 100
 162 99.3 81.4 122.2
 160 43.0 36.6 54.8

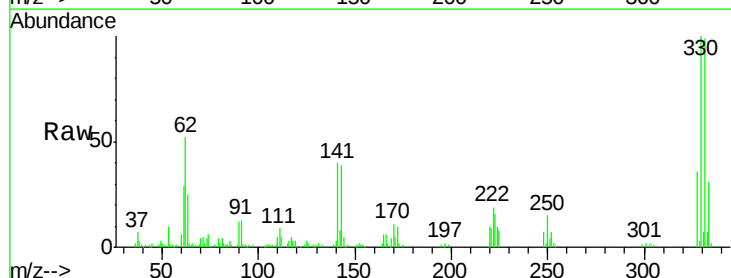


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

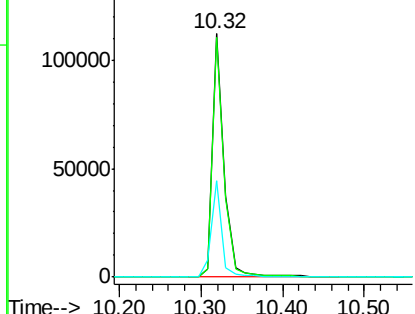
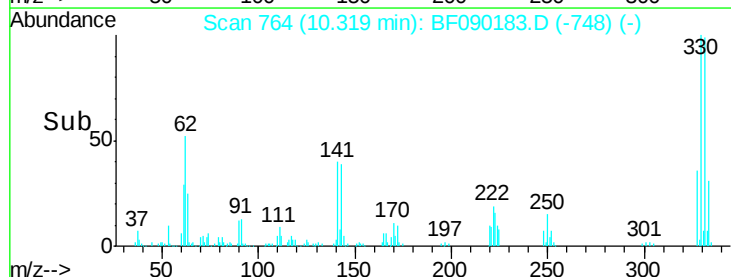


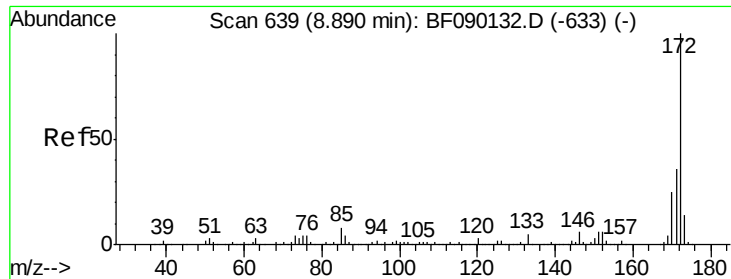
#41
 2,4,6-Tribromophenol
 Concen: 55.29 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.02 min
 Lab File: BF090183.D
 Acq: 22 Sep 2016 2:28

Tgt Ion:330 Resp: 113542
 Ion Ratio Lower Upper
 330 100
 332 98.1 78.1 117.1
 141 36.2 23.9 35.9#



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

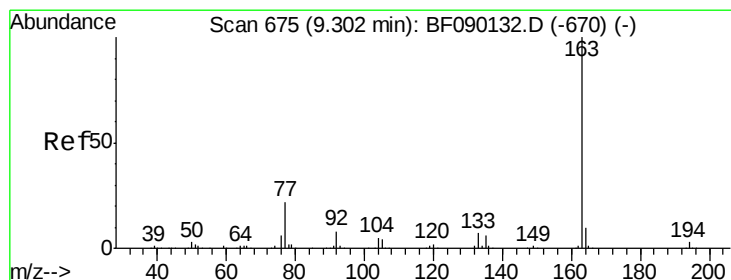
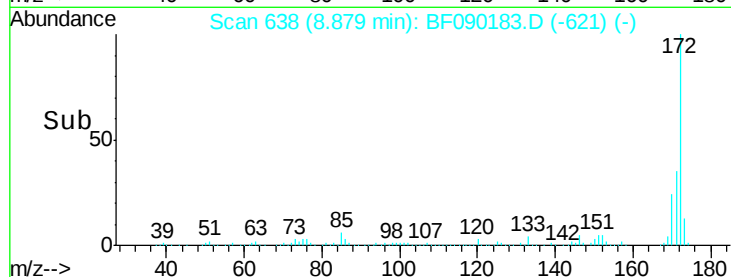
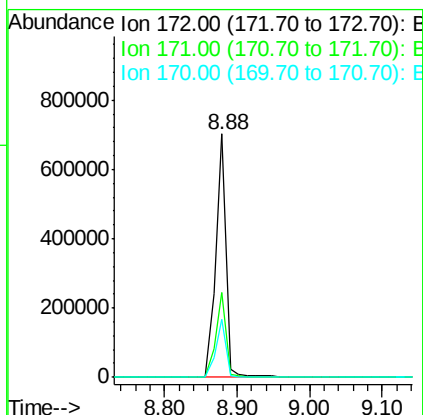
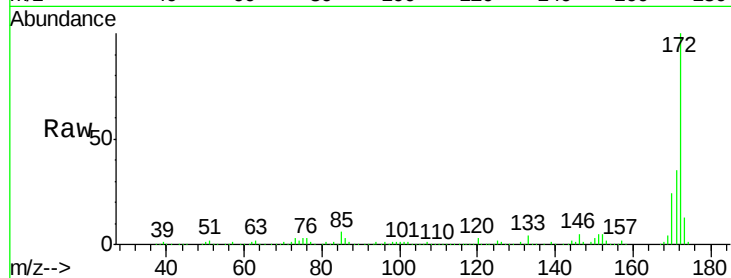




#44
 2-Fluorobiphenyl
 Concen: 56.70 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090183.D
 Acq: 22 Sep 2016 2:28

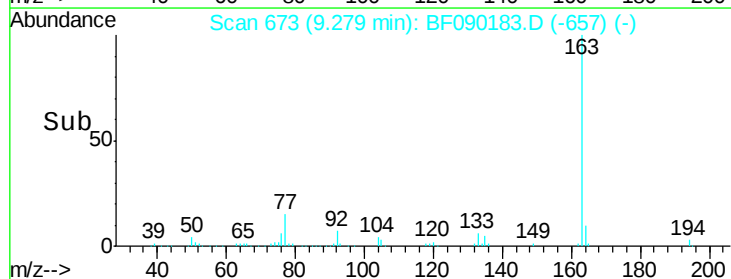
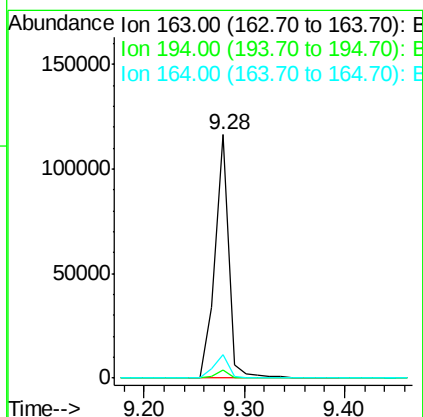
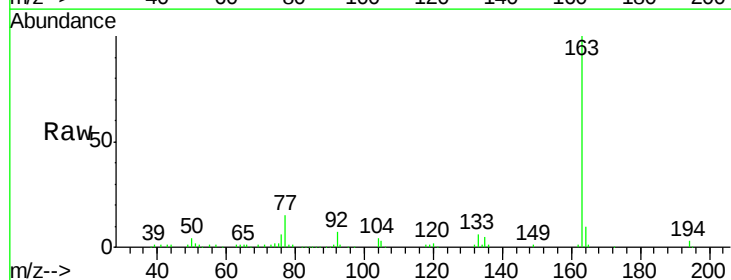
Instrument :
 BNA_F
 ClientSampleId :
 SS-3

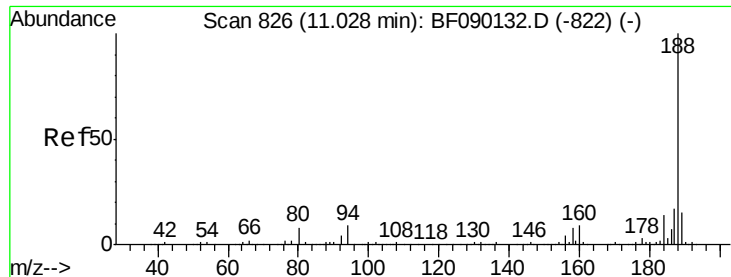
Tgt Ion:172 Resp: 691301
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.2 43.8
 170 23.8 19.8 29.8



#49
 Dimethylphthalate
 Concen: 7.30 ng
 RT: 9.28 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF090183.D
 Acq: 22 Sep 2016 2:28

Tgt Ion:163 Resp: 111323
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.8 4.2
 164 9.8 8.1 12.1

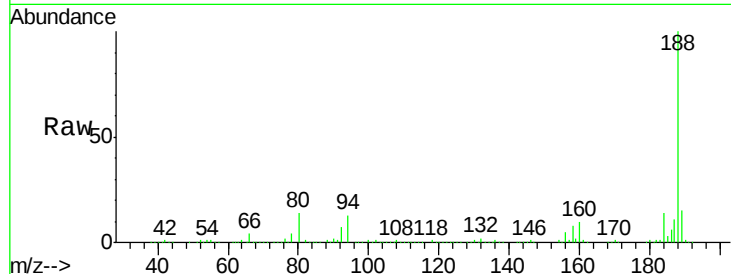




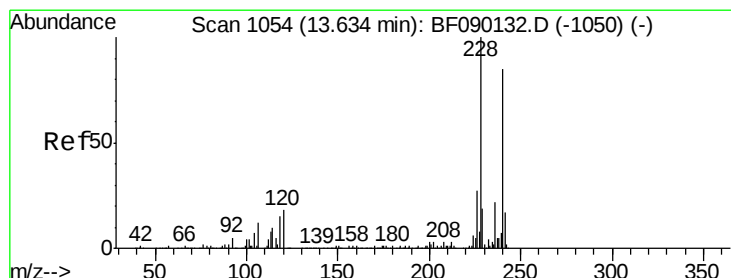
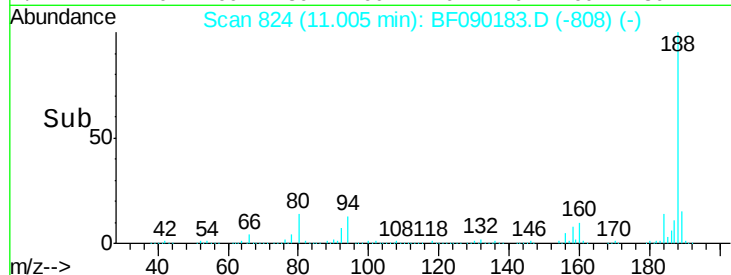
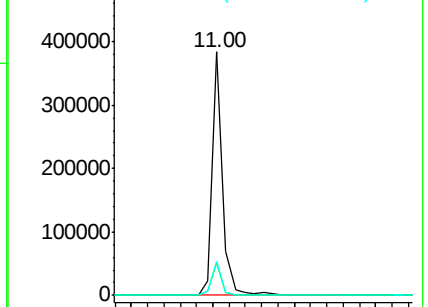
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF090183.D
Acq: 22 Sep 2016 2:28

Instrument :
BNA_F
ClientSampleId :
SS-3

Tgt Ion:188 Resp: 347358
Ion Ratio Lower Upper
188 100
94 13.3 10.5 15.7
80 13.9 11.2 16.8

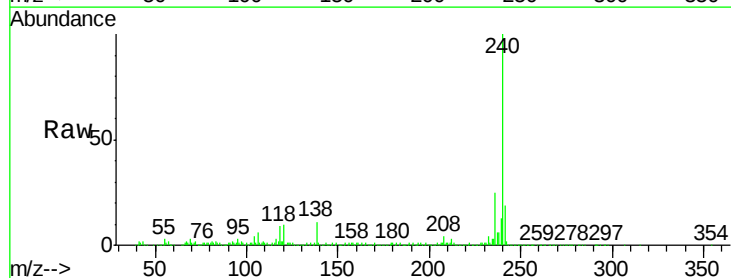


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

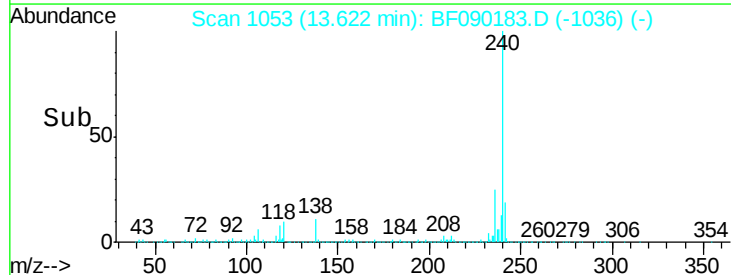
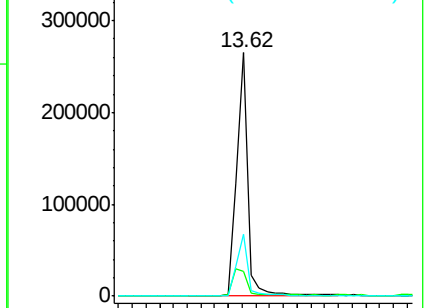


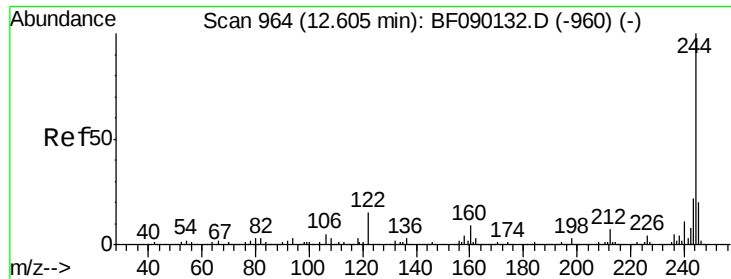
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF090183.D
Acq: 22 Sep 2016 2:28

Tgt Ion:240 Resp: 306382
Ion Ratio Lower Upper
240 100
120 10.0 10.6 16.0#
236 25.3 21.6 32.4



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

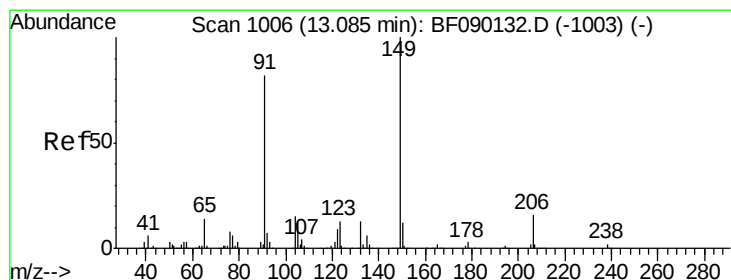
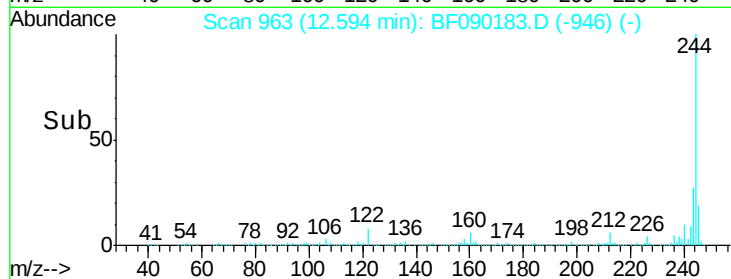
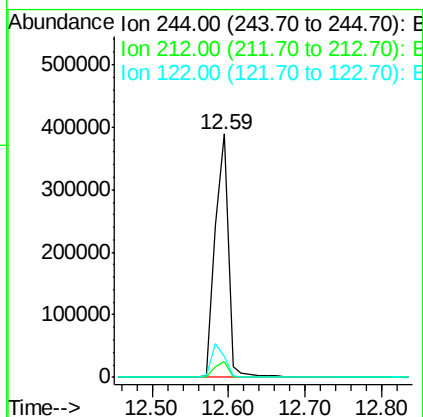
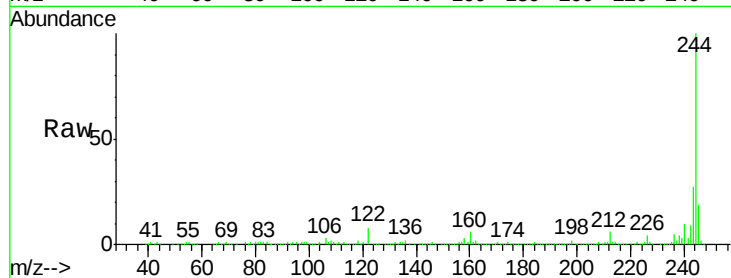




#78
 Terphenyl-d14
 Concen: 38.54 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF090183.D
 Acq: 22 Sep 2016 2:28

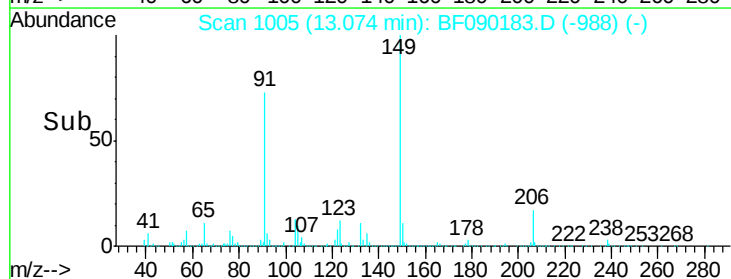
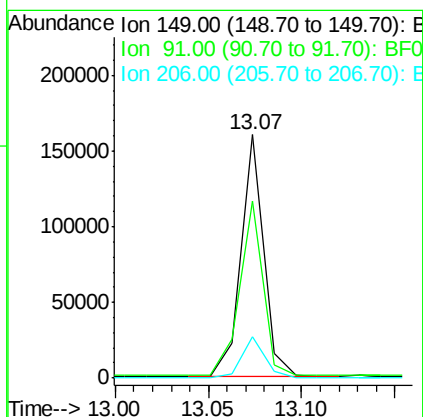
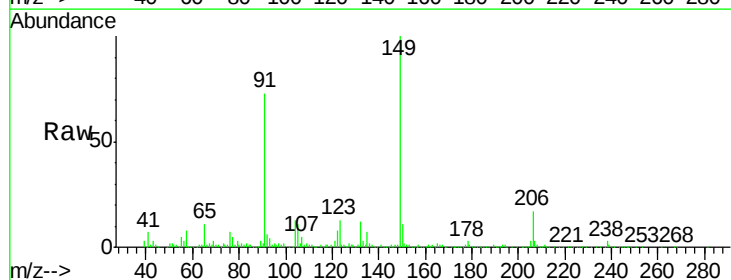
Instrument :
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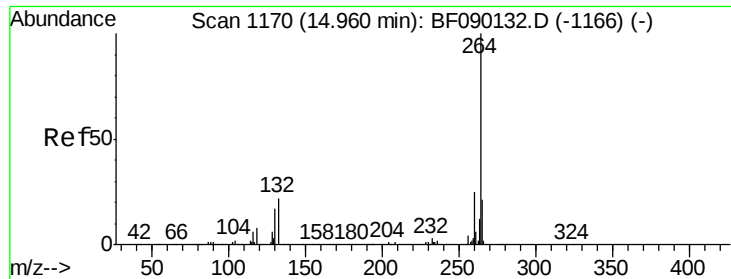
Tgt Ion:244 Resp: 465096
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.8 8.8
 122 8.4 9.4 14.0#



#79
 Butylbenzylphthalate
 Concen: 13.27 ng
 RT: 13.07 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF090183.D
 Acq: 22 Sep 2016 2:28

Tgt Ion:149 Resp: 136114
 Ion Ratio Lower Upper
 149 100
 91 72.9 49.8 74.6
 206 16.8 16.3 24.5

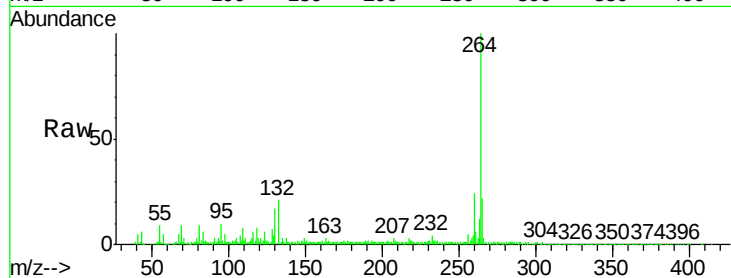




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF090183.D
Acq: 22 Sep 2016 2:28

Instrument :
BNA_F
ClientSampleId :
SS-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	22.2	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

