

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101816\
 Data File : BF090635.D
 Acq On : 18 Oct 2016 18:36
 Operator : UM/SJ
 Sample : H5289-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-4

Quant Time: Oct 19 01:08:49 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

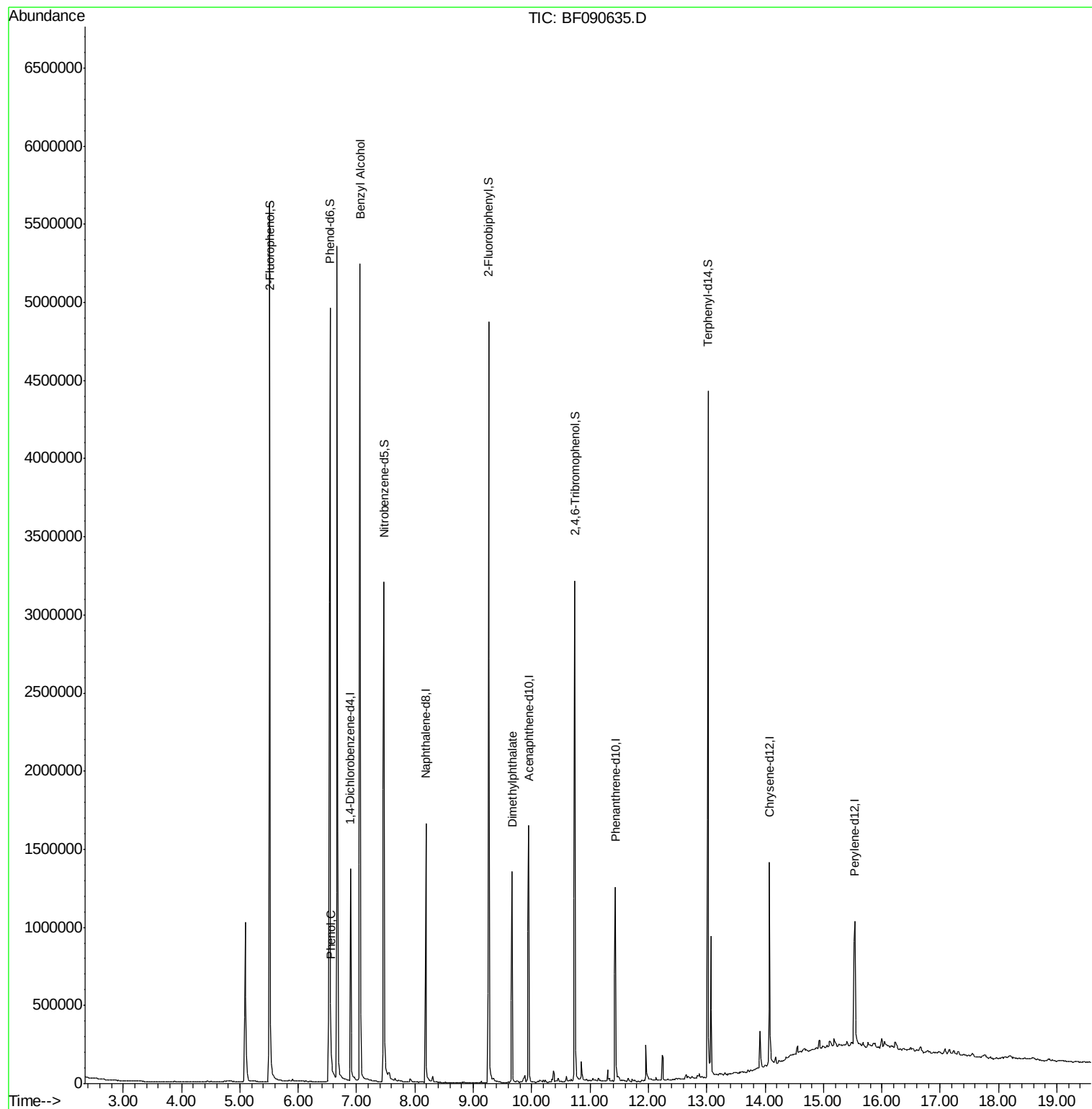
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	214334	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	878401	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	437444	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	592534	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	488569	20.00	ng	-0.01
86) Perylene-d12	15.54	264	447018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1784443	152.63	ng	0.00
7) Phenol-d6	6.54	99	2300338	132.41	ng	0.00
23) Nitrobenzene-d5	7.47	82	1498161	94.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	431451	110.63	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2020742	76.11	ng	-0.01
78) Terphenyl-d14	13.02	244	1543935	73.58	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	48007	2.42	ng	Qvalue 96
15) Benzyl Alcohol	7.06	79	26390	2.23	ng	# 50
49) Dimethylphthalate	9.66	163	640854	22.58	ng	# 98

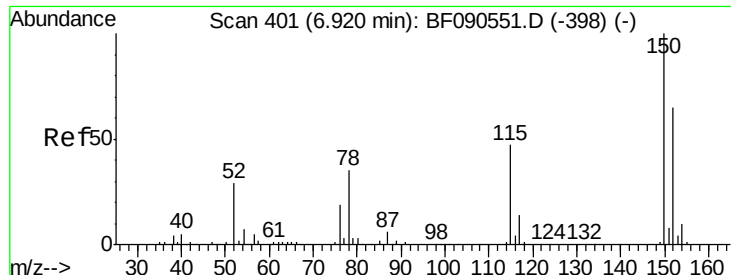
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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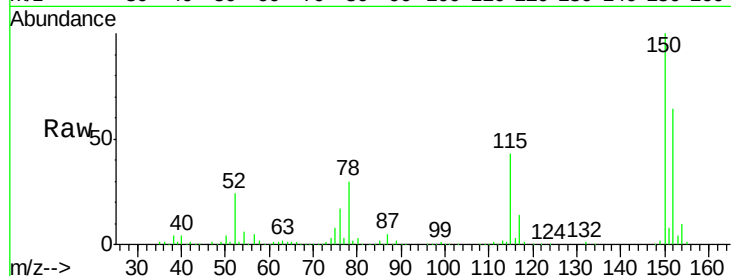


#1

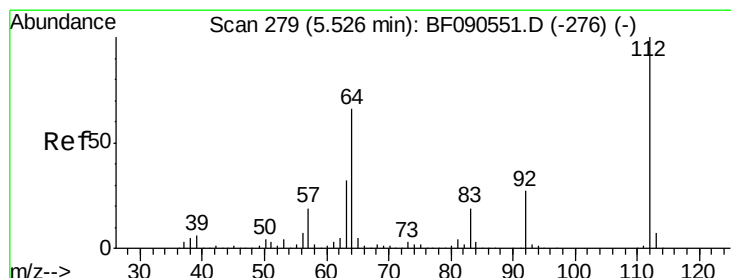
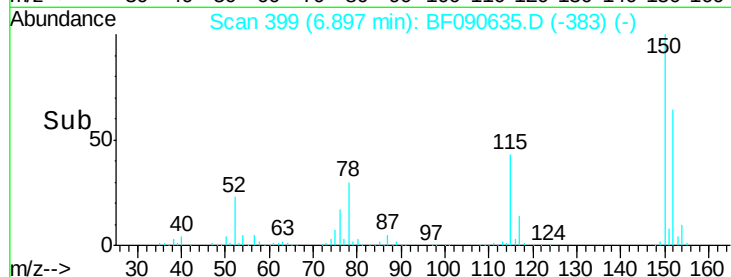
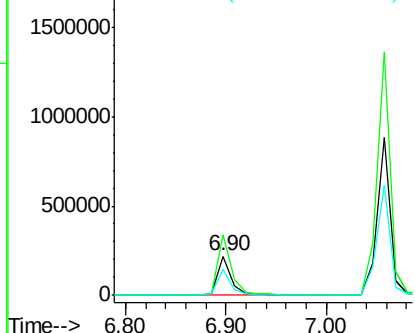
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Instrument :
BNA_F
ClientSampleId :
SP-3-4

Tgt Ion:152 Resp: 214334
Ion Ratio Lower Upper
152 100
150 157.0 127.2 190.8
115 67.7 58.6 88.0



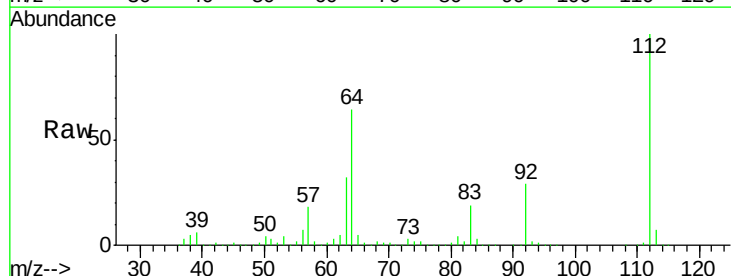
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



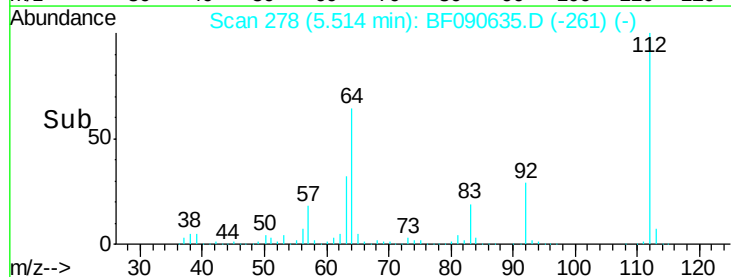
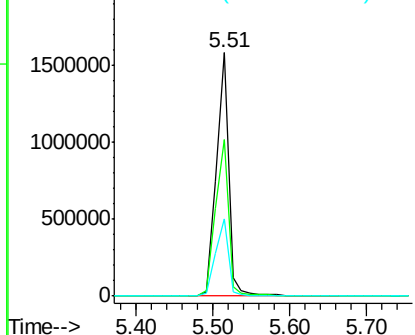
#5

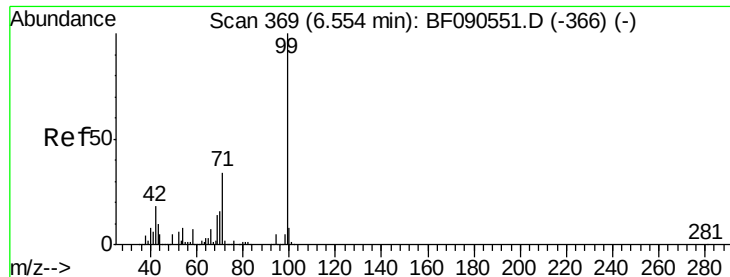
2-Fluorophenol
Concen: 152.63 ng
RT: 5.51 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion:112 Resp: 1784443
Ion Ratio Lower Upper
112 100
64 64.1 52.6 78.8
63 31.9 26.0 39.0



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: 132.41 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090635.D

Acq: 18 Oct 2016 18:36

Instrument :

BNA_F

ClientSampled :

SP-3-4

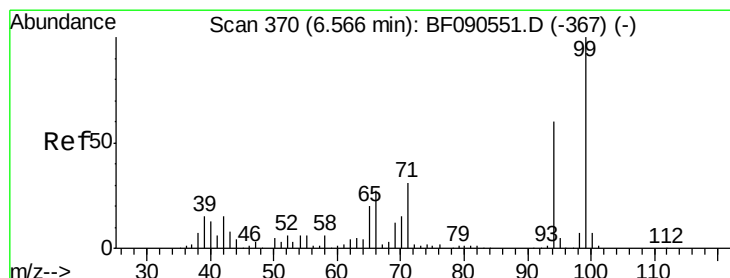
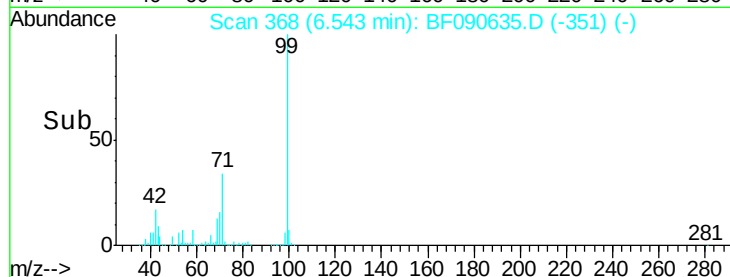
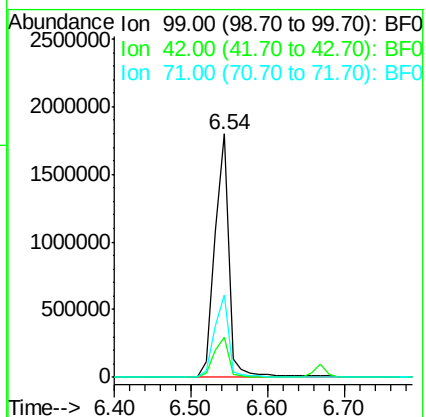
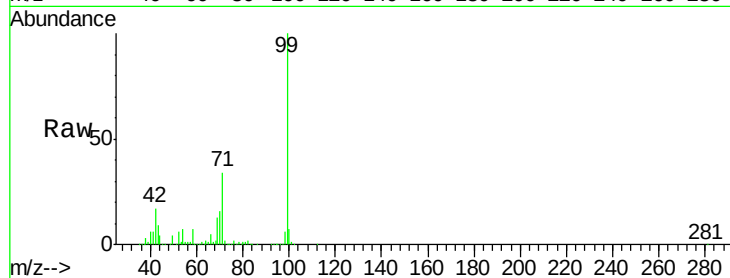
Tgt Ion: 99 Resp: 2300338

Ion Ratio Lower Upper

99 100

42 16.7 14.7 22.1

71 34.0 27.6 41.4



#10

Phenol

Concen: 2.42 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF090635.D

Acq: 18 Oct 2016 18:36

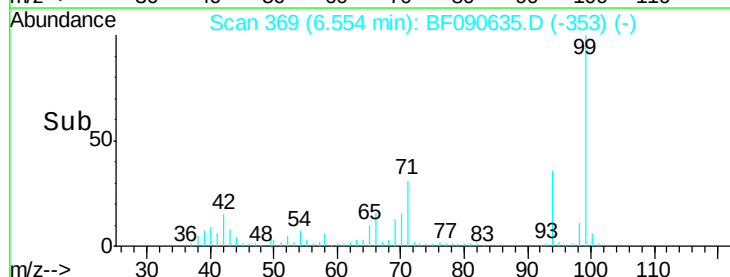
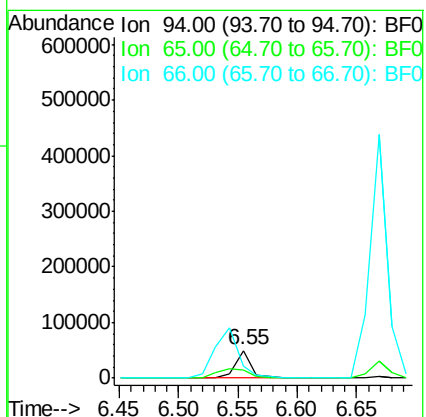
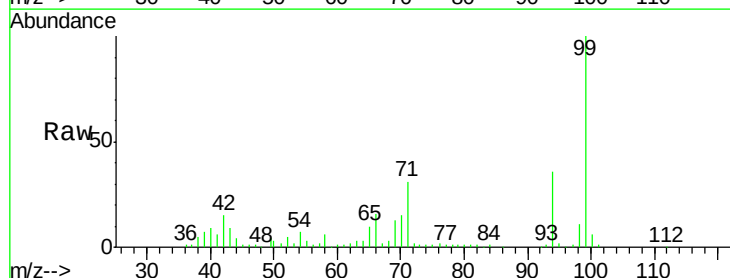
Tgt Ion: 94 Resp: 48007

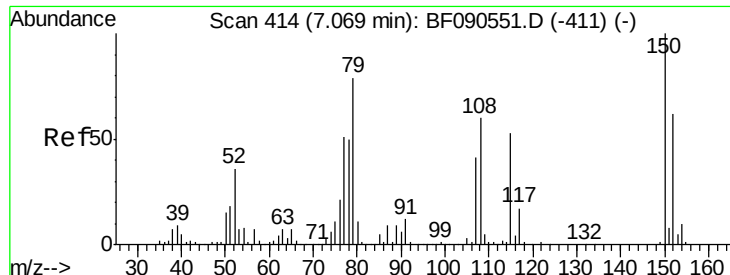
Ion Ratio Lower Upper

94 100

65 29.2 12.5 52.5

66 44.0 25.5 65.5

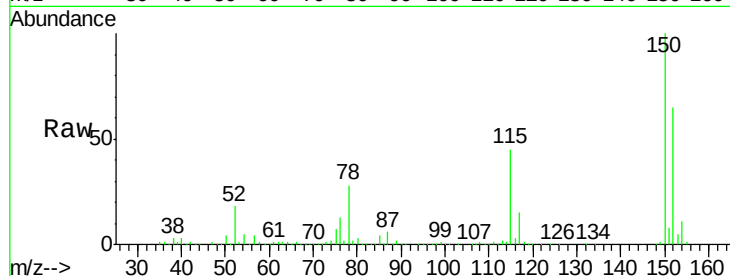




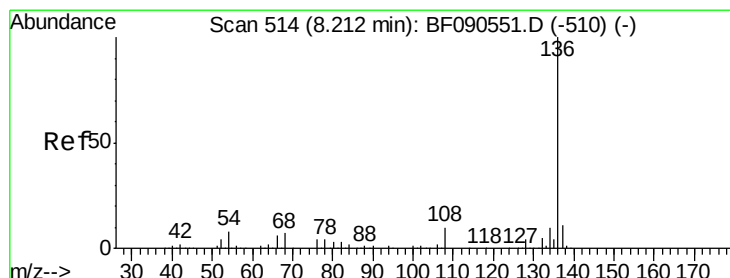
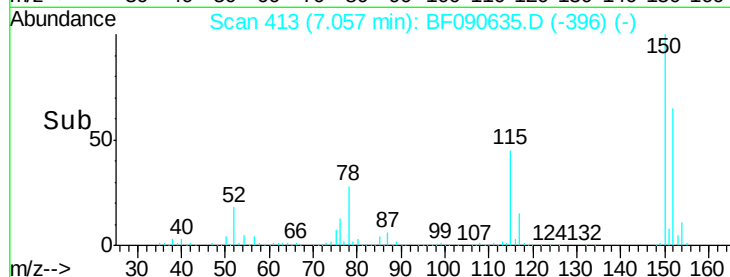
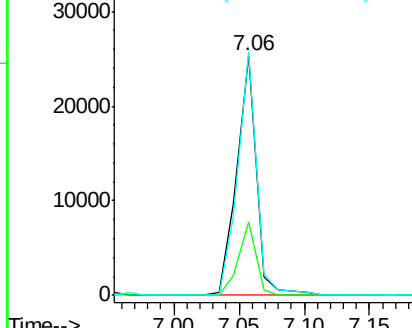
#15
Benzyl Alcohol
Concen: 2.23 ng
RT: 7.06 min Scan# 413
Delta R.T. -0.00 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Instrument :
BNA_F
ClientSampleId :
SP-3-4

Tgt Ion: 79 Resp: 26390
Ion Ratio Lower Upper
79 100
108 30.5 60.2 90.4#
77 101.6 52.0 78.0#

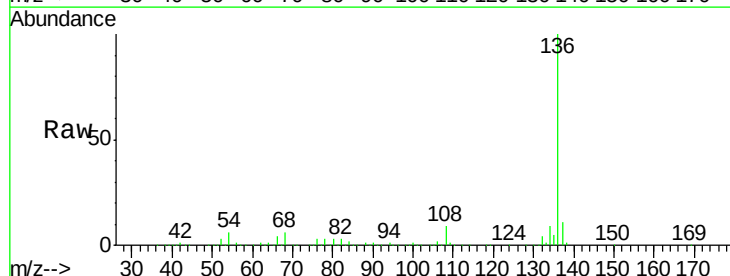


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

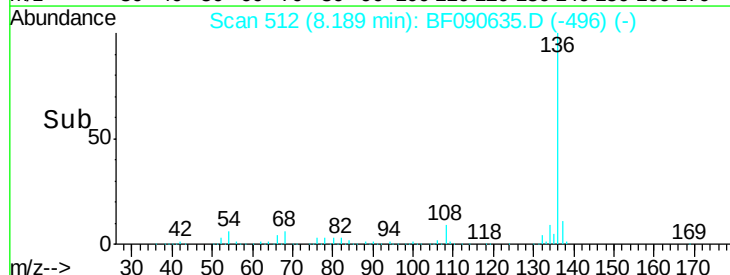
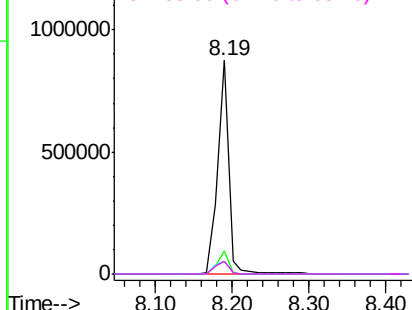


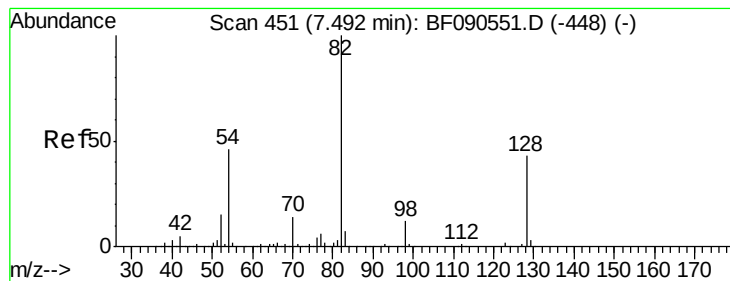
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion: 136 Resp: 878401
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.1 6.8 10.2#
68 5.9 6.0 9.0#



Abundance Ion 136.00 (135.70 to 136.70): BF0
Ion 137.00 (136.70 to 137.70): BF0
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 94.74 ng

RT: 7.47 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF090635.D

Acq: 18 Oct 2016 18:36

Instrument :

BNA_F

ClientSampleId :

SP-3-4

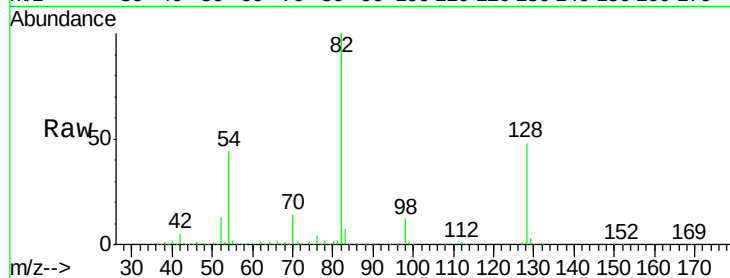
Tgt Ion: 82 Resp: 1498161

Ion Ratio Lower Upper

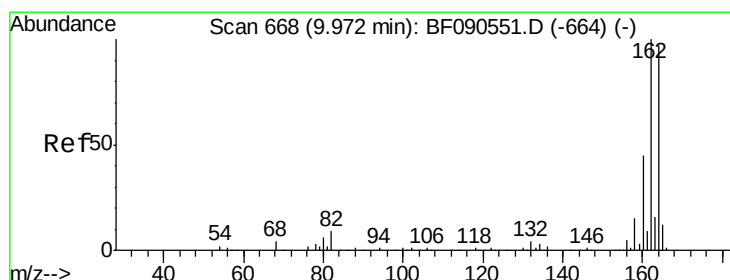
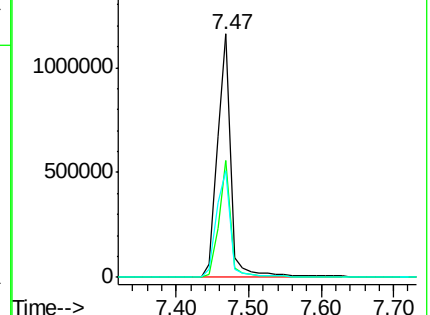
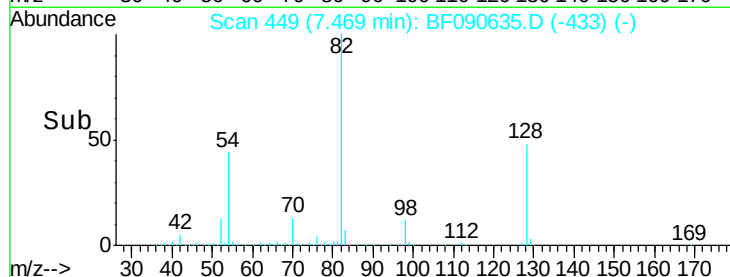
82 100

128 47.8 34.3 51.5

54 43.8 37.0 55.6



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF090635.D

Acq: 18 Oct 2016 18:36

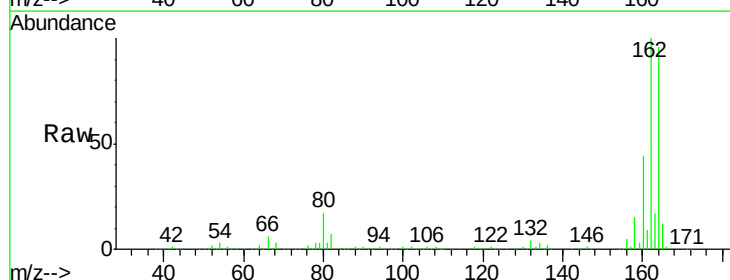
Tgt Ion: 164 Resp: 437444

Ion Ratio Lower Upper

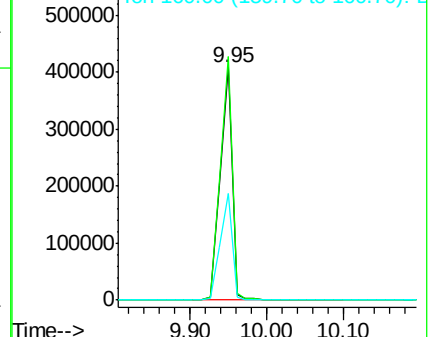
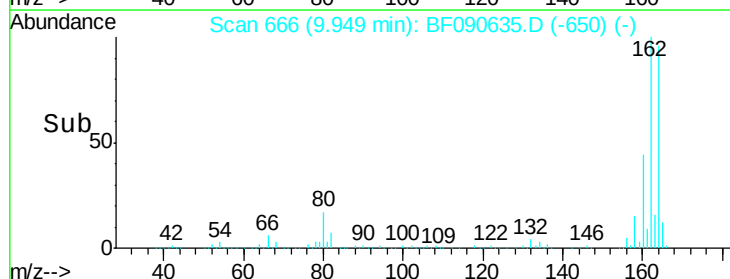
164 100

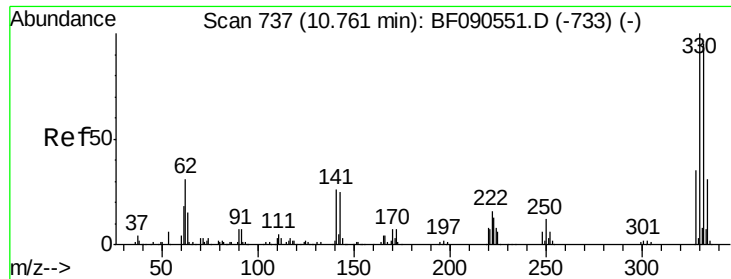
162 104.4 82.2 123.4

160 45.5 36.6 55.0



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

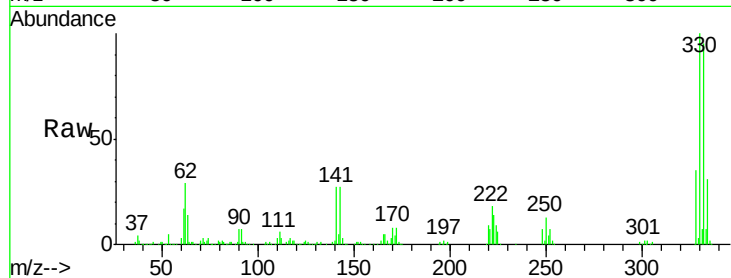




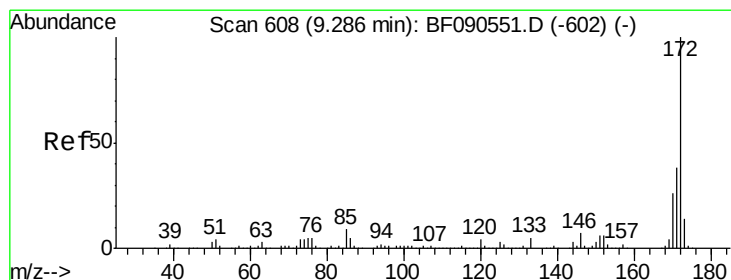
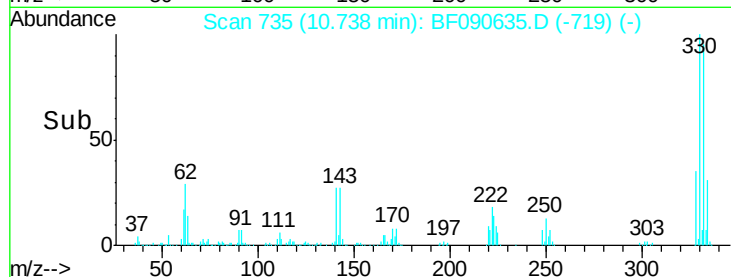
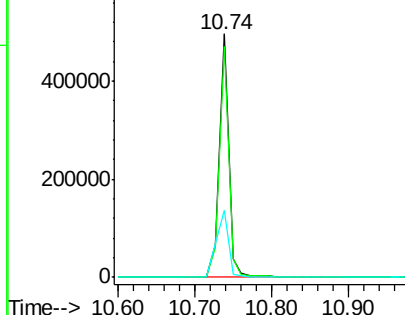
#41
 2,4,6-Tribromophenol
 Concen: 110.63 ng
 RT: 10.74 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF090635.D
 Acq: 18 Oct 2016 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-4

Tgt Ion:330 Resp: 431451
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.2 114.2
 141 35.1 31.4 47.2

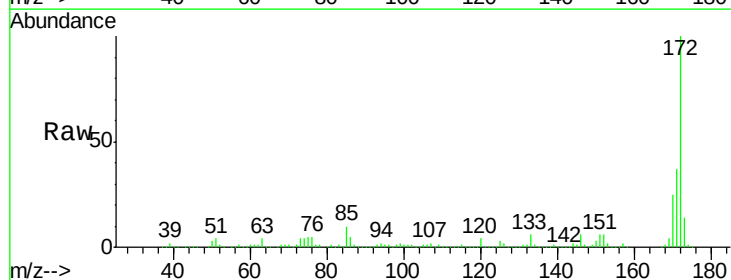


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

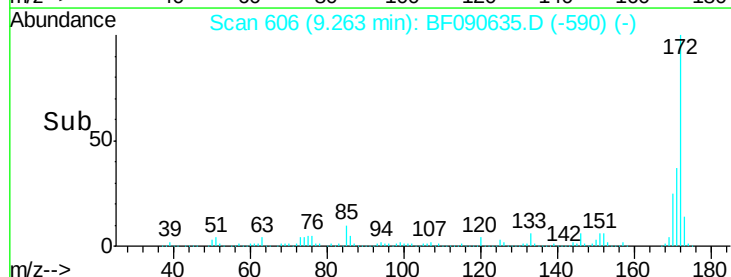
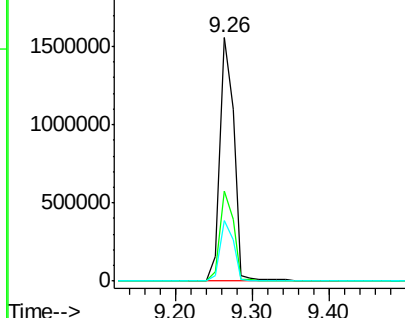


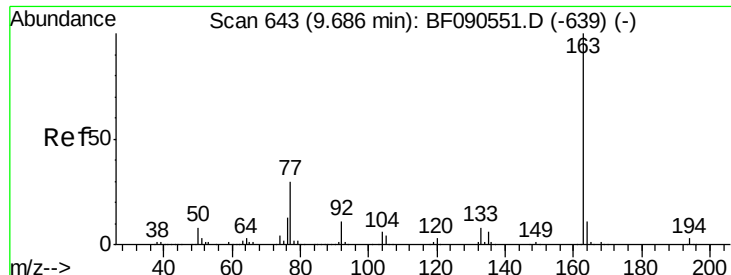
#44
 2-Fluorobiphenyl
 Concen: 76.11 ng
 RT: 9.26 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF090635.D
 Acq: 18 Oct 2016 18:36

Tgt Ion:172 Resp: 2020742
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.1 45.1
 170 24.9 20.6 30.8



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

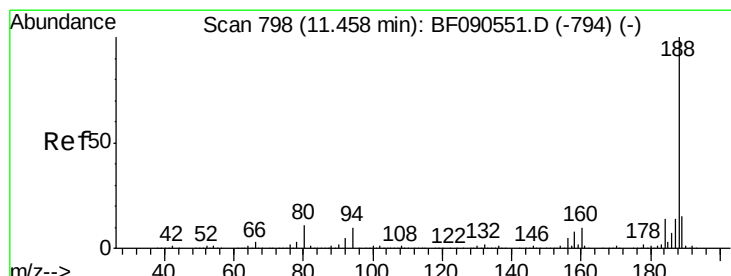
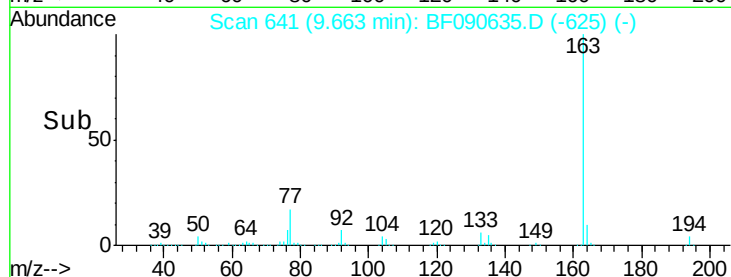
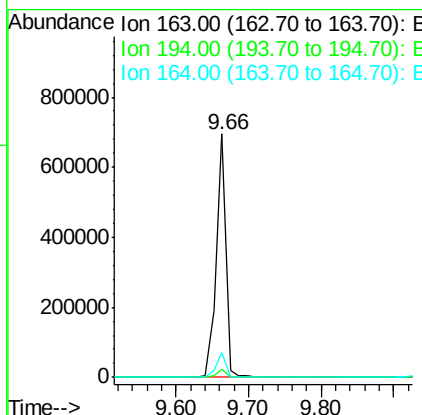
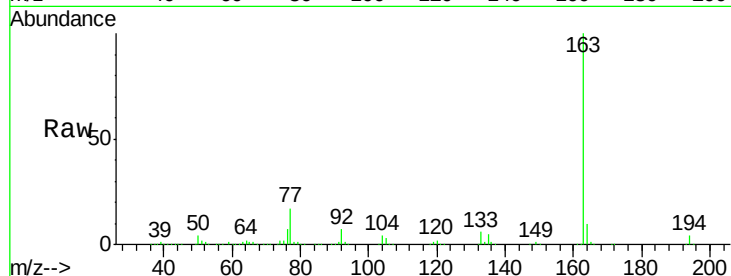




#49
Dimethylphthalate
Concen: 22.58 ng
RT: 9.66 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

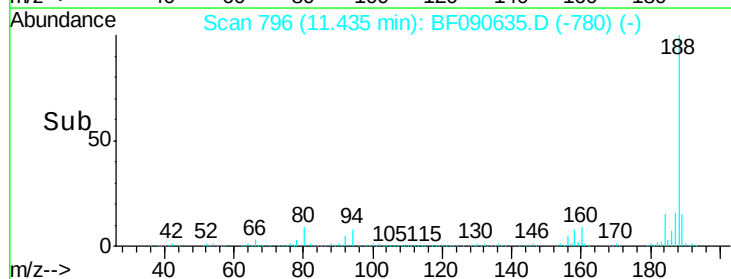
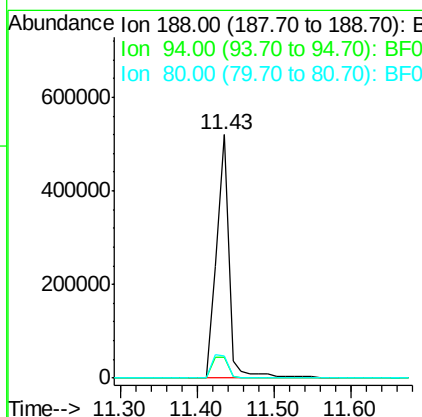
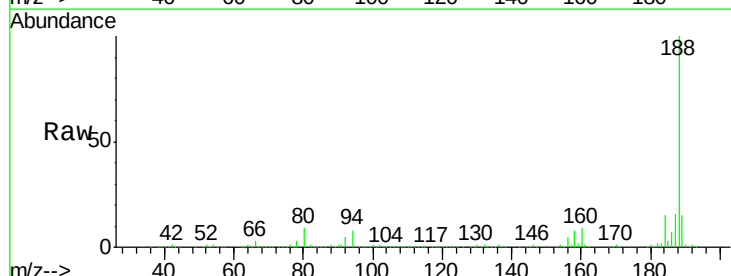
Instrument :
BNA_F
ClientSampleId :
SP-3-4

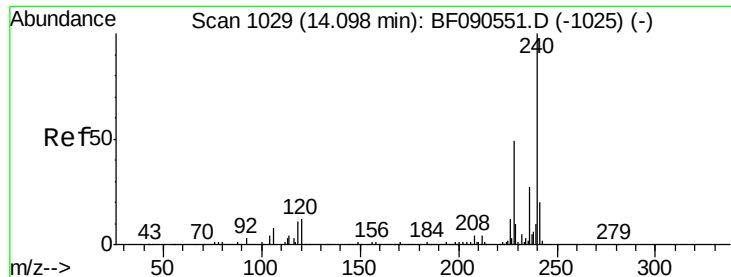
Tgt Ion:163 Resp: 640854
Ion Ratio Lower Upper
163 100
194 3.6 2.3 3.5#
164 10.0 8.6 13.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion:188 Resp: 592534
Ion Ratio Lower Upper
188 100
94 8.5 7.7 11.5
80 9.2 8.6 12.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF090635.D

Acq: 18 Oct 2016 18:36

Instrument :

BNA_F

ClientSampleId :

SP-3-4

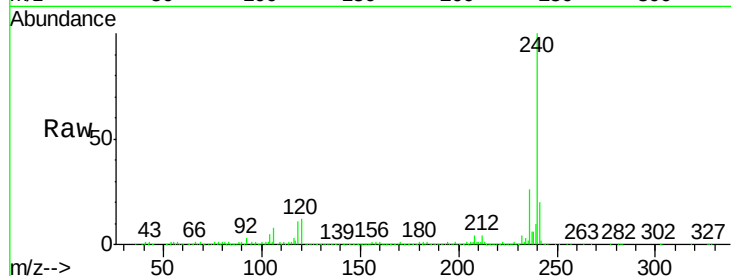
Tgt Ion:240 Resp: 488569

Ion Ratio Lower Upper

240 100

120 12.0 9.8 14.8

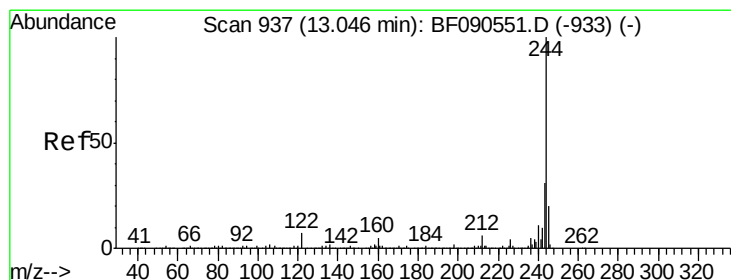
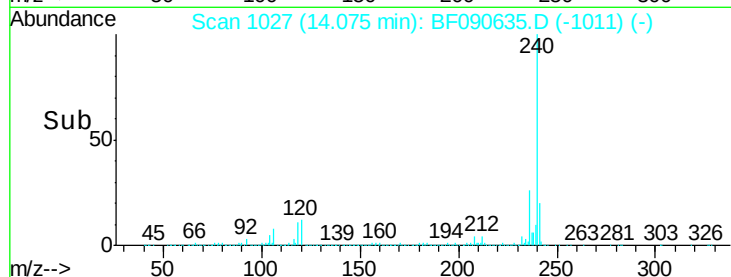
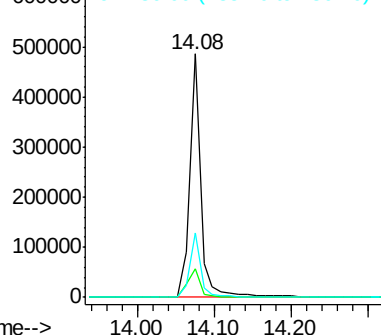
236 26.5 21.7 32.5



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: 73.58 ng

RT: 13.02 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF090635.D

Acq: 18 Oct 2016 18:36

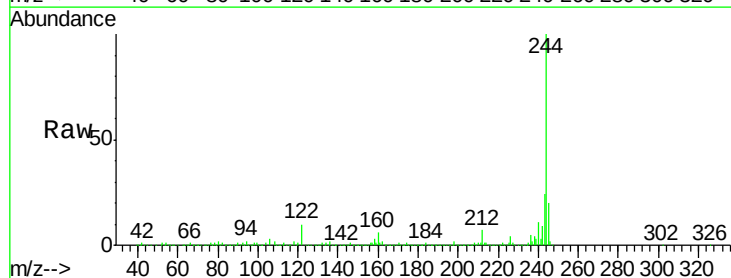
Tgt Ion:244 Resp: 1543935

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

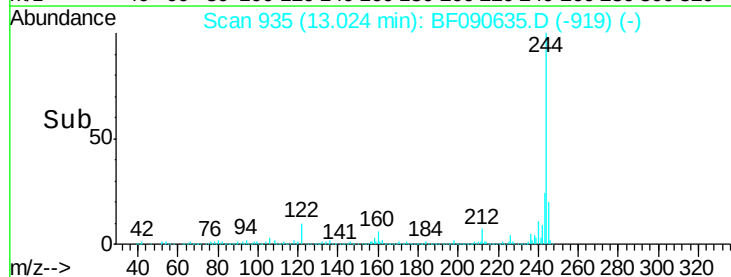
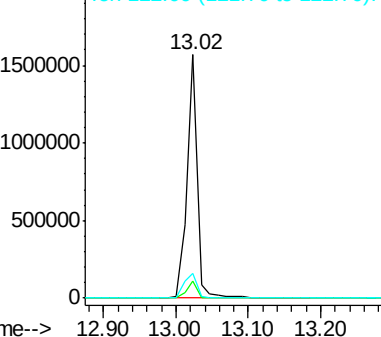
122 10.2 5.6 8.4#

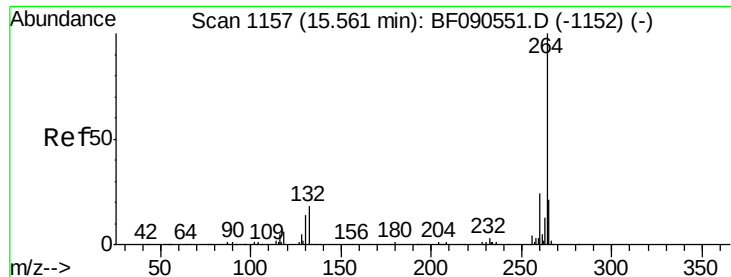


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Instrument :
BNA_F
ClientSampleId :
SP-3-4

Tgt Ion: 264 Resp: 447018
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.4 16.7 25.1

