

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089190.D
 Acq On : 22 Jul 2016 11:41
 Operator : UM/SJ
 Sample : H4074-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Quant Time: Jul 22 14:26:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

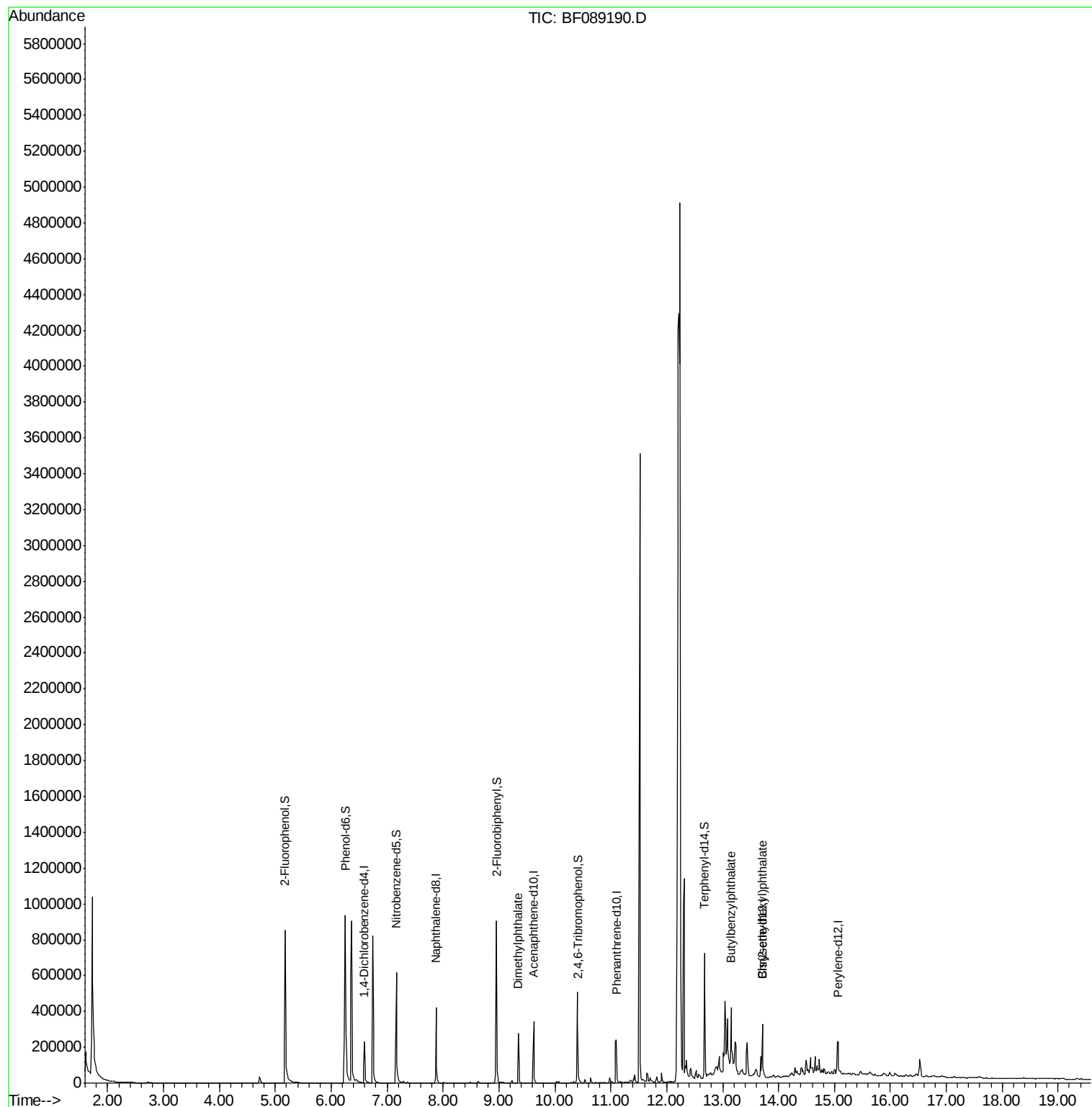
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	48137	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	206989	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	86012	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	142940	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	91197	20.00	ng	-0.01
86) Perylene-d12	15.06	264	97977	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	325403	102.81	ng	-0.01
7) Phenol-d6	6.25	99	437568	107.21	ng	-0.02
23) Nitrobenzene-d5	7.16	82	285683	73.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	70446	90.97	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	475803	76.22	ng	-0.01
78) Terphenyl-d14	12.67	244	277068	65.90	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.35	163	119746	18.14	ng	99
79) Butylbenzylphthalate	13.15	149	75591	23.73	ng	96
83) Bis(2-ethylhexyl)phthalate	13.71	149	16204	3.83	ng	# 89

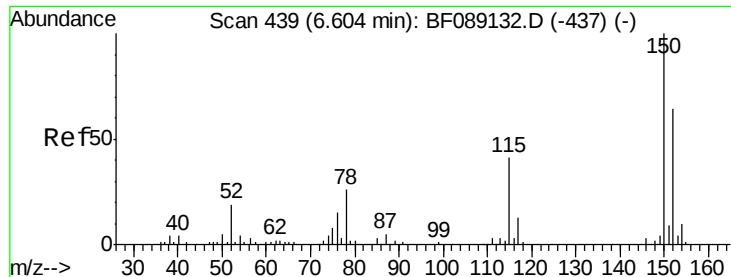
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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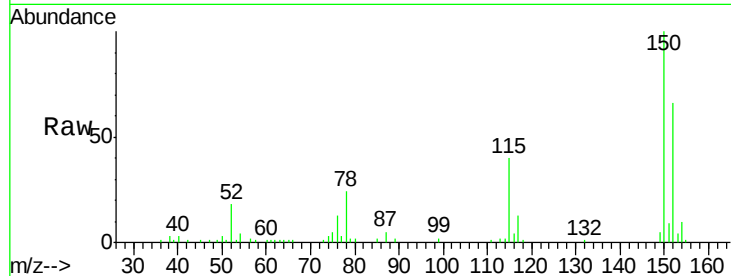


#1

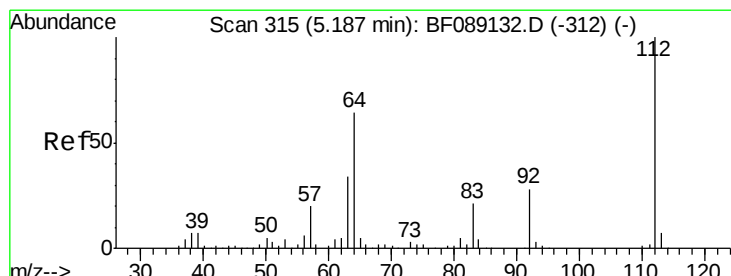
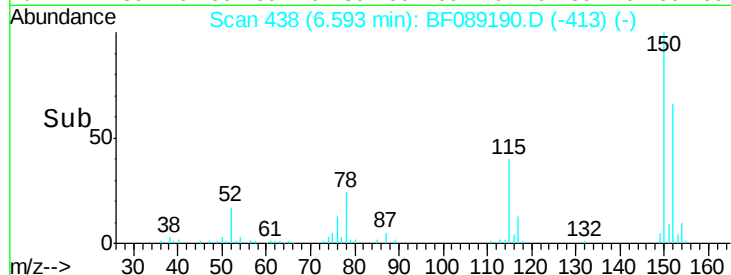
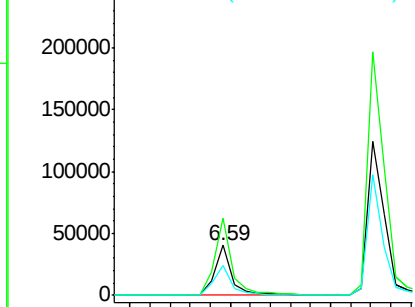
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion:152 Resp: 48137
Ion Ratio Lower Upper
152 100
150 152.4 125.1 187.7
115 60.4 51.1 76.7



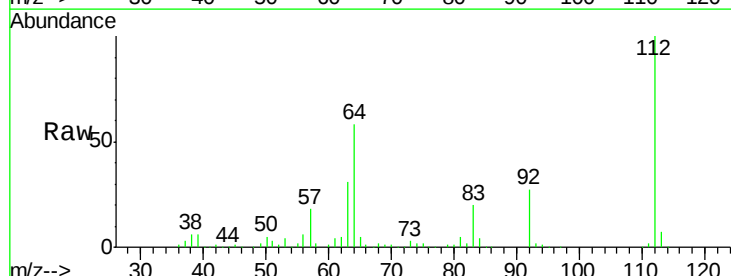
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



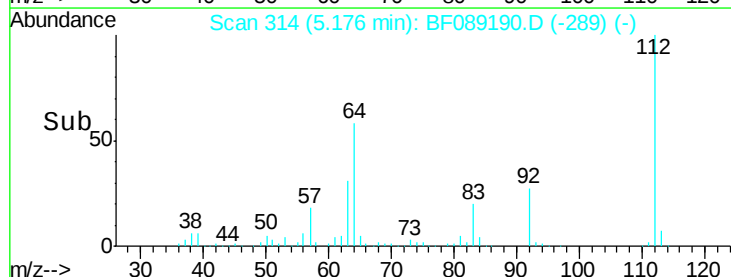
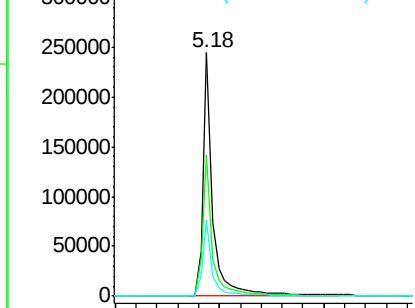
#5

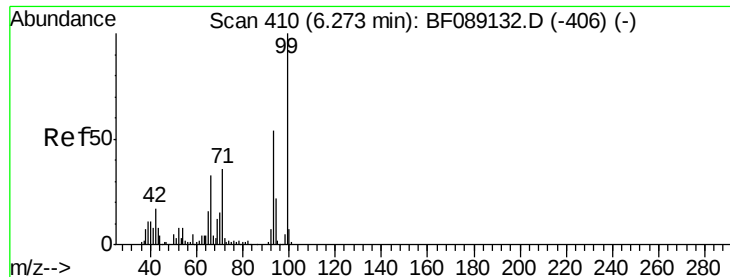
2-Fluorophenol
Concen: 102.81 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.01 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

Tgt Ion:112 Resp: 325403
Ion Ratio Lower Upper
112 100
64 57.9 51.0 76.4
63 30.9 27.3 40.9



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: 107.21 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089190.D

Acq: 22 Jul 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

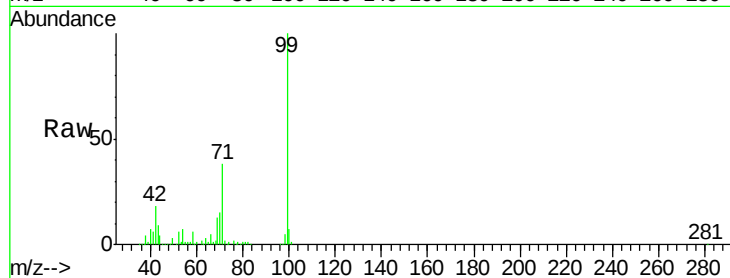
Tgt Ion: 99 Resp: 437568

Ion Ratio Lower Upper

99 100

42 18.0 13.5 20.3

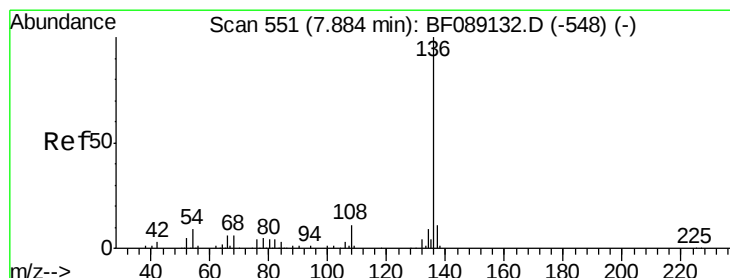
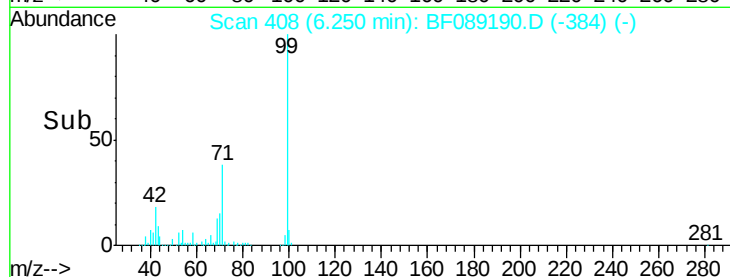
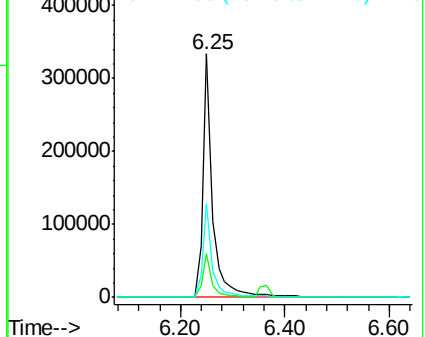
71 38.4 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF089190.D

Acq: 22 Jul 2016 11:41

Tgt Ion: 136 Resp: 206989

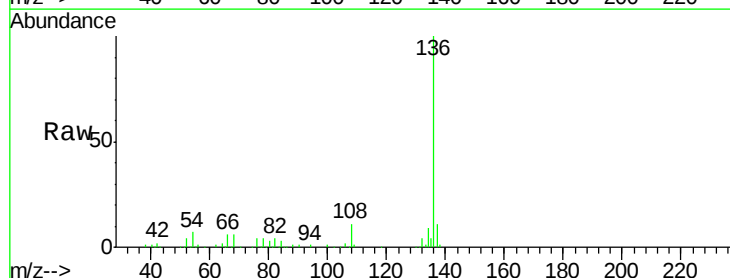
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.4 7.0 10.4

68 5.6 5.0 7.6

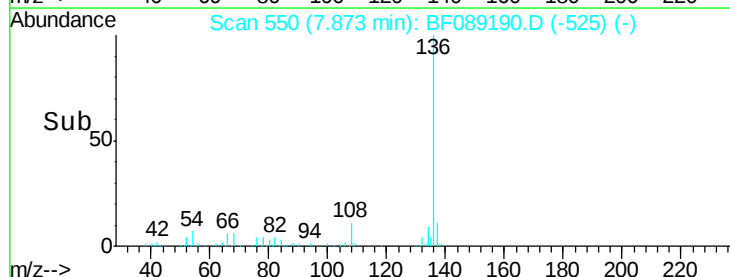
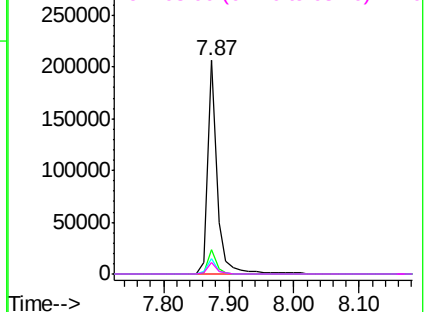


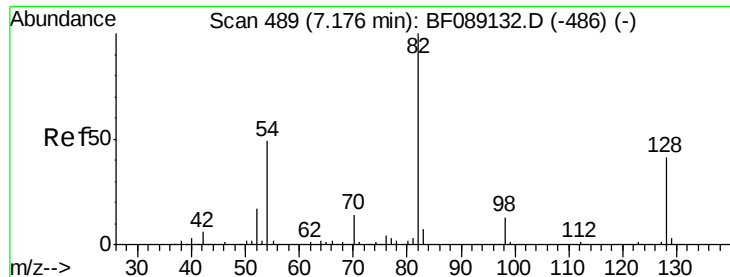
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

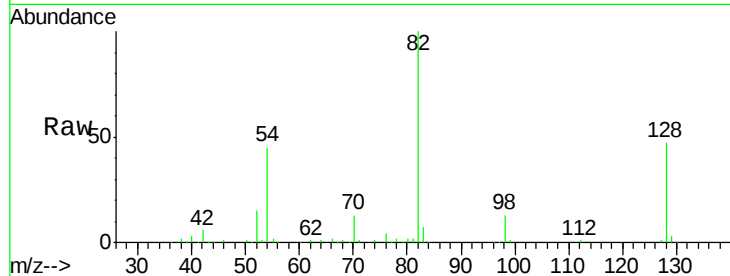




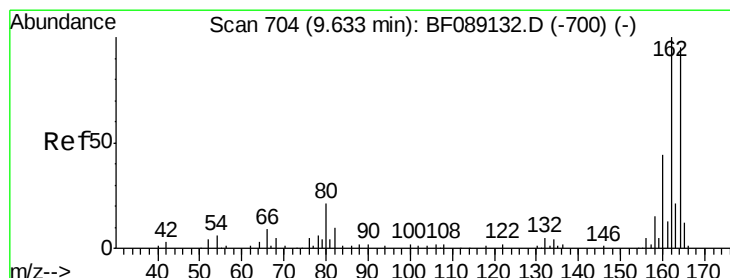
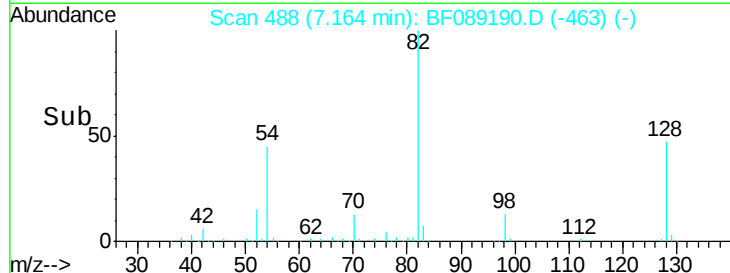
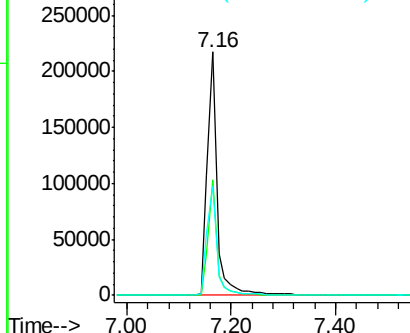
#23
 Nitrobenzene-d5
 Concen: 73.33 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089190.D
 Acq: 22 Jul 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion: 82 Resp: 285683
 Ion Ratio Lower Upper
 82 100
 128 47.3 33.0 49.6
 54 44.8 39.0 58.4

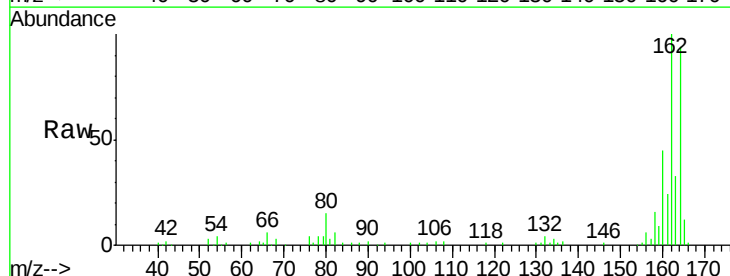


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

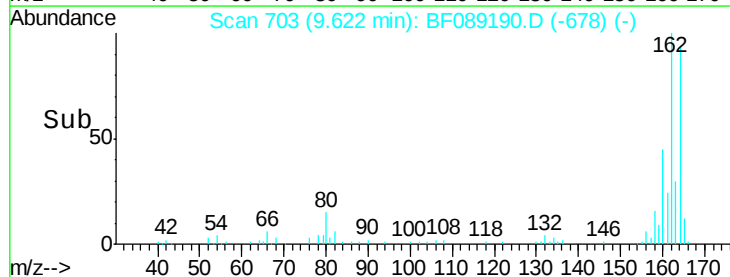
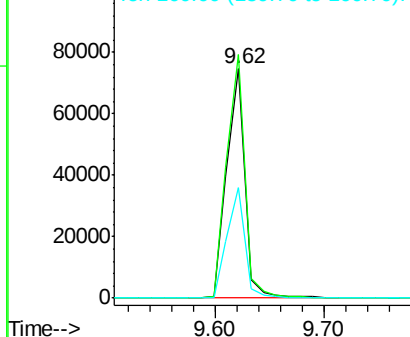


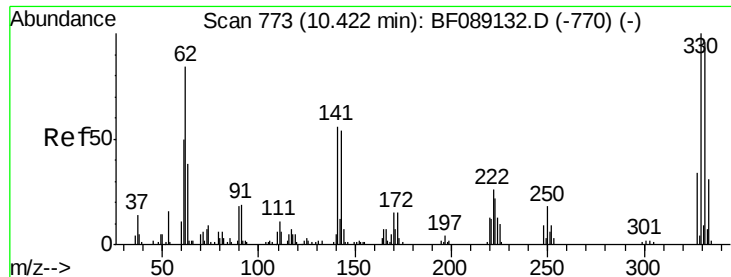
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089190.D
 Acq: 22 Jul 2016 11:41

Tgt Ion: 164 Resp: 86012
 Ion Ratio Lower Upper
 164 100
 162 106.3 84.1 126.1
 160 48.3 37.1 55.7



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

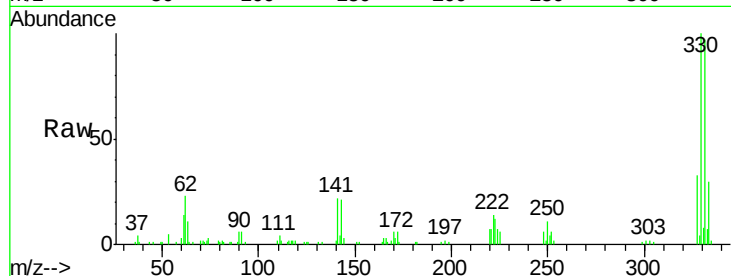




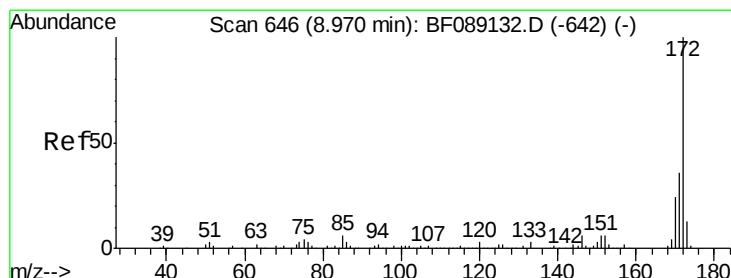
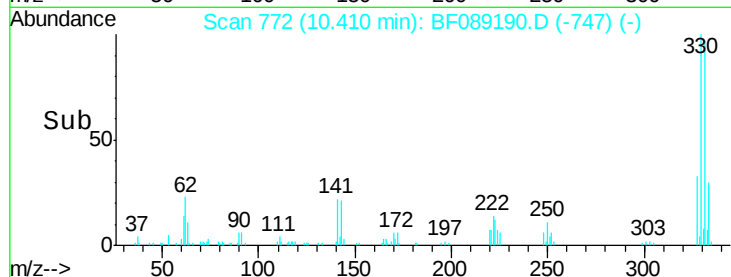
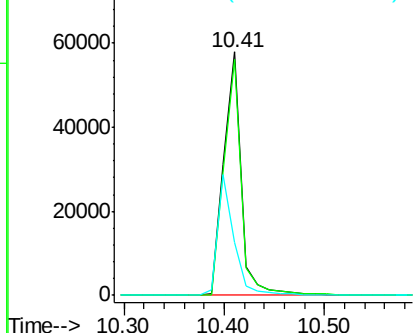
#41
 2,4,6-Tribromophenol
 Concen: 90.97 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089190.D
 Acq: 22 Jul 2016 11:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-COMP

Tgt Ion:330 Resp: 70446
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.2 115.8
 141 46.0 42.2 63.2

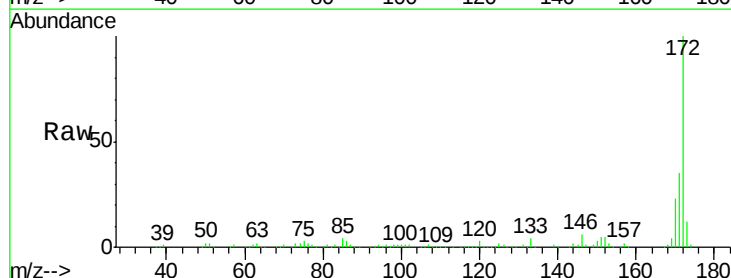


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

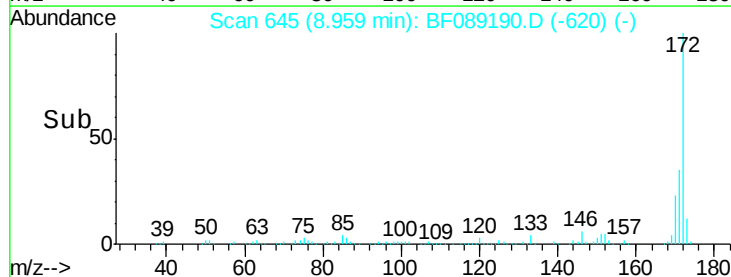
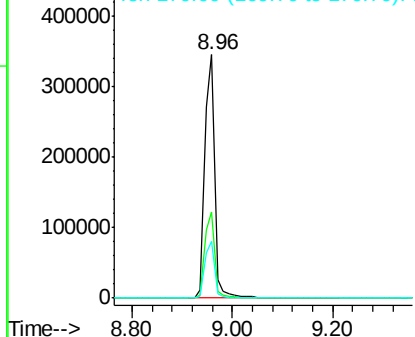


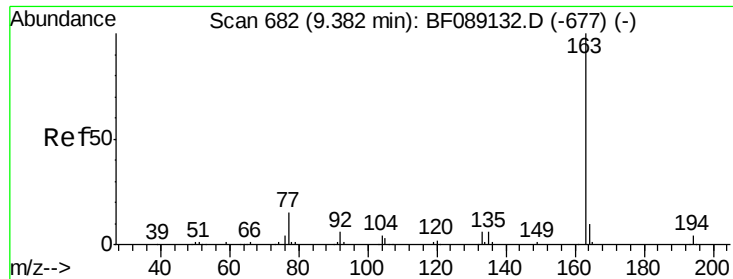
#44
 2-Fluorobiphenyl
 Concen: 76.22 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089190.D
 Acq: 22 Jul 2016 11:41

Tgt Ion:172 Resp: 475803
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.2 43.8
 170 23.1 19.1 28.7



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

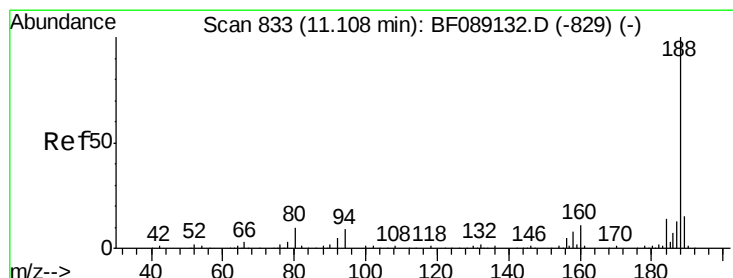
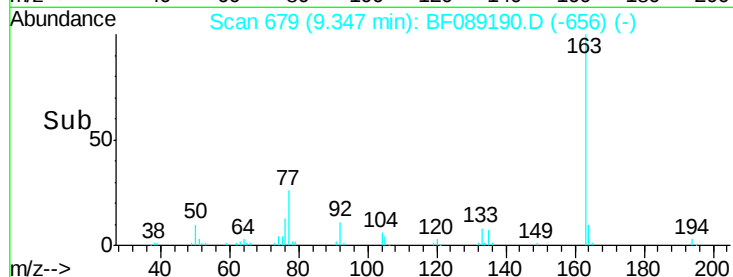
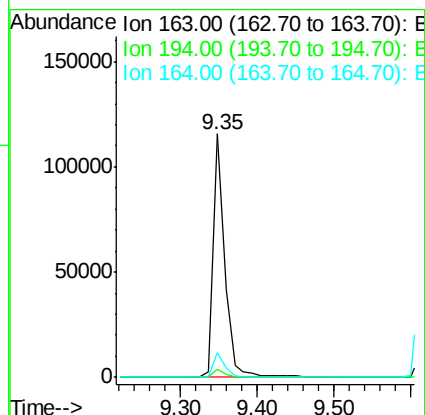
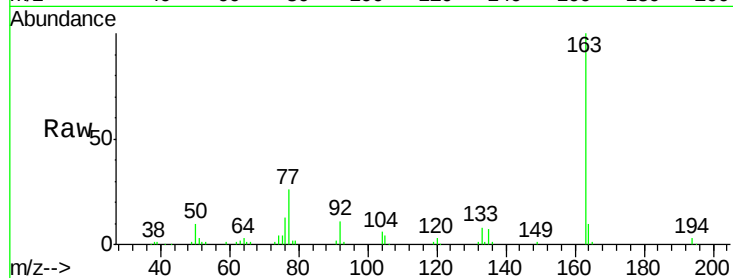




#49
Dimethylphthalate
Concen: 18.14 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

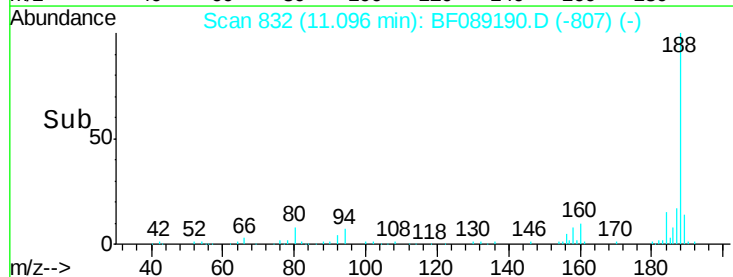
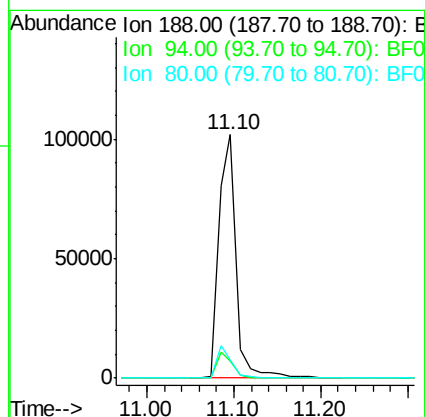
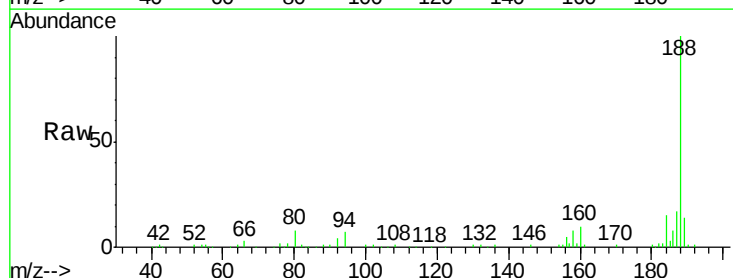
Instrument :
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SB-01-COMP

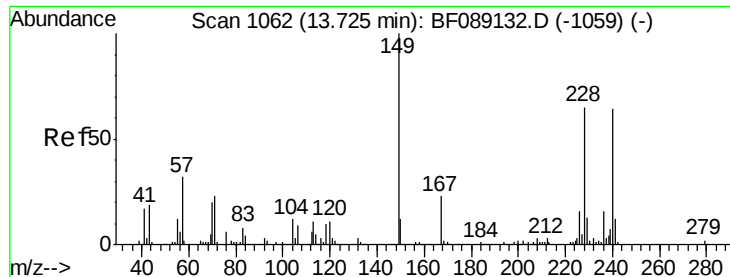
Tgt Ion:163 Resp: 119746
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.0 7.6 11.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

Tgt Ion:188 Resp: 142940
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.4#
80 7.6 7.7 11.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089190.D

Acq: 22 Jul 2016 11:41

Instrument :

BNA_F

ClientSampleId :

SB-01-COMP

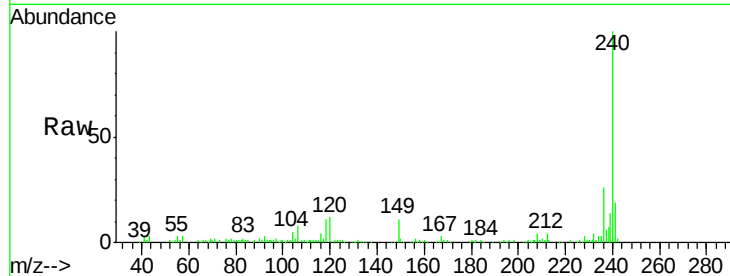
Tgt Ion:240 Resp: 91197

Ion Ratio Lower Upper

240 100

120 11.6 13.6 20.4#

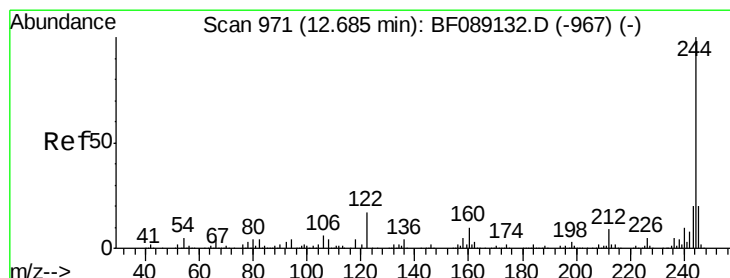
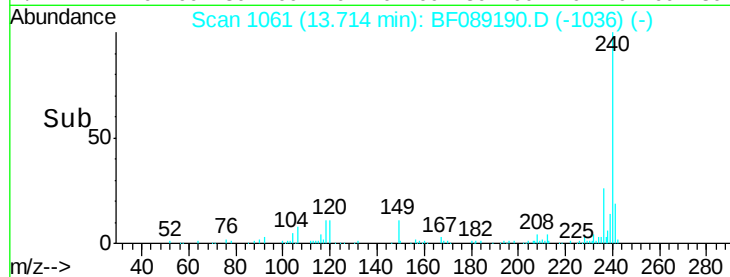
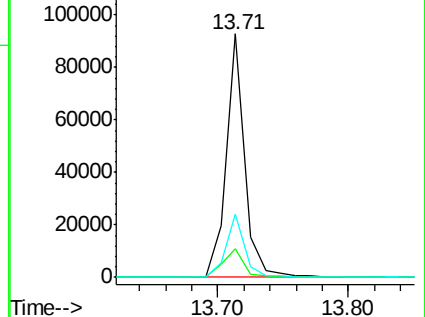
236 25.7 20.5 30.7



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: 65.90 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089190.D

Acq: 22 Jul 2016 11:41

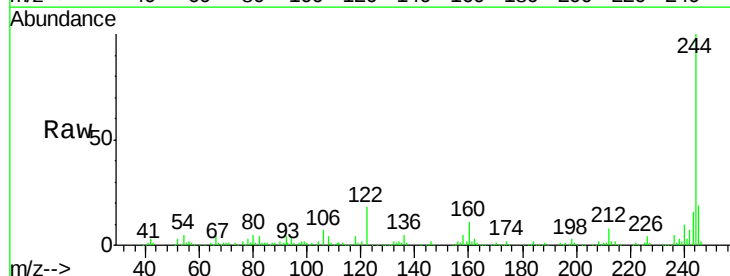
Tgt Ion:244 Resp: 277068

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.4

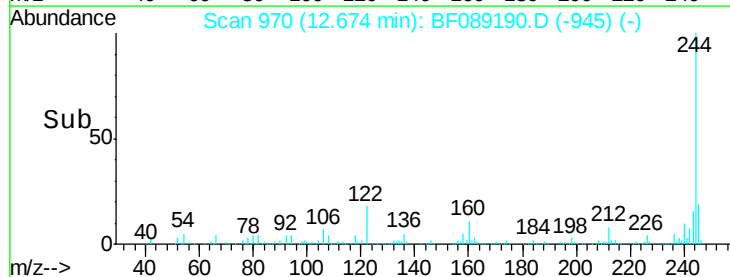
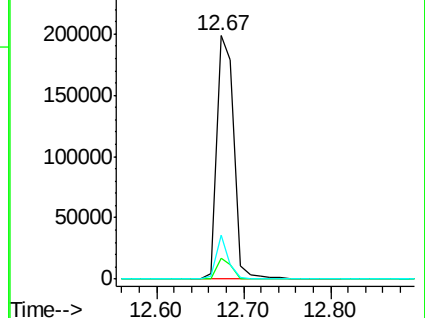
122 18.0 13.8 20.8

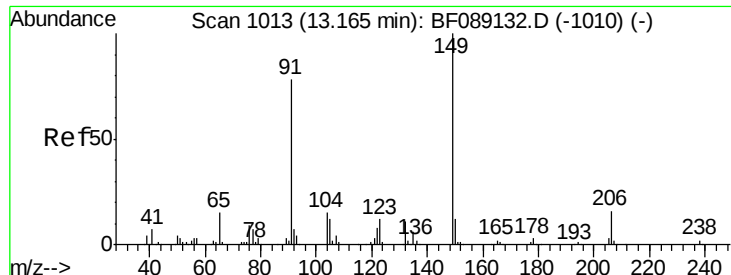


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

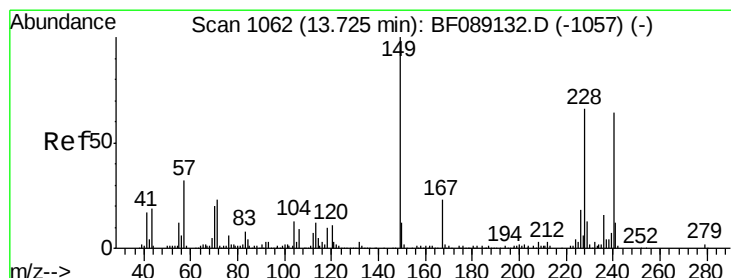
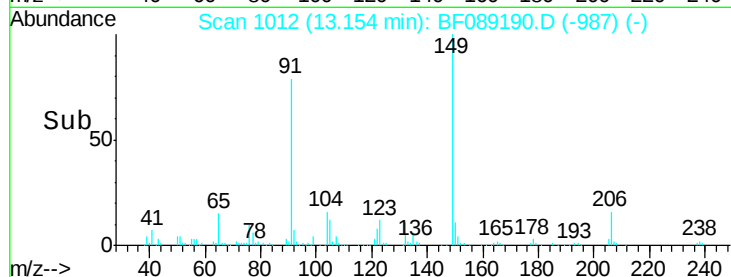
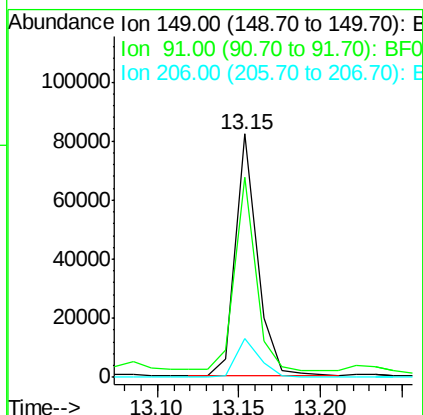
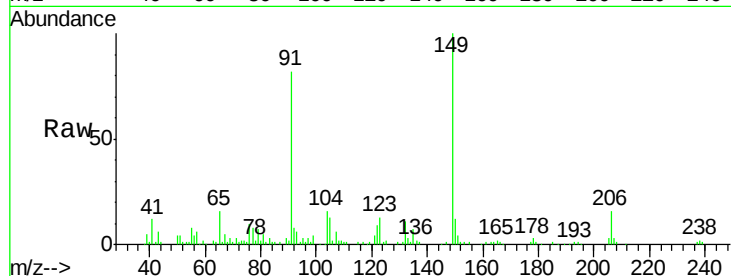




#79
Butylbenzylphthalate
Concen: 23.73 ng
RT: 13.15 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

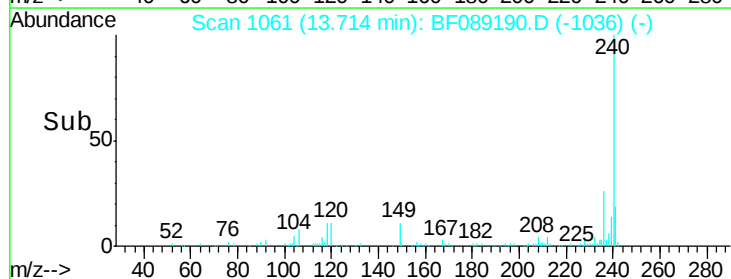
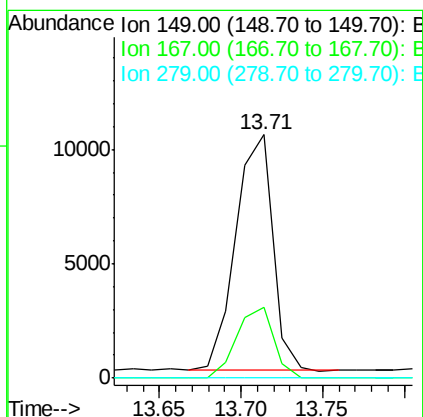
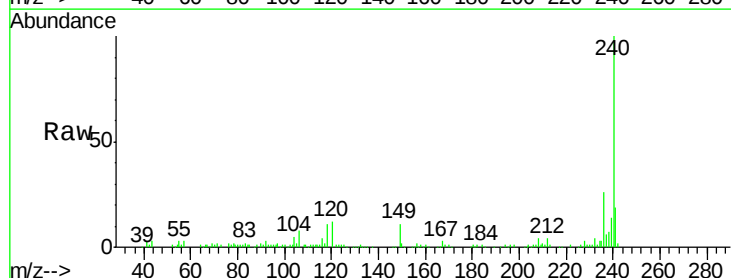
Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

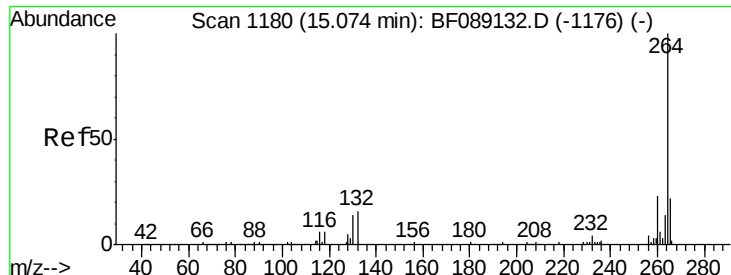
Tgt Ion:149 Resp: 75591
Ion Ratio Lower Upper
149 100
91 82.0 62.6 93.8
206 16.0 13.2 19.8



#83
Bis(2-ethylhexyl)phthalate
Concen: 3.83 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

Tgt Ion:149 Resp: 16204
Ion Ratio Lower Upper
149 100
167 29.1 18.6 28.0#
279 0.0 1.6 2.4#

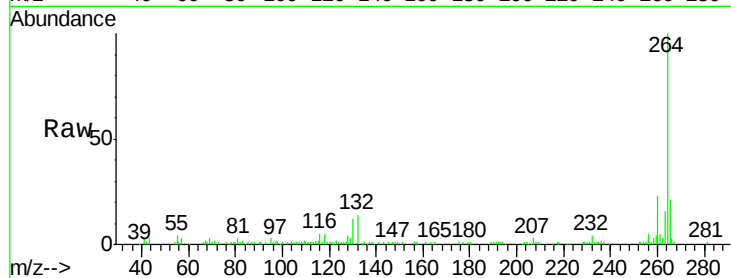




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089190.D
Acq: 22 Jul 2016 11:41

Instrument :
BNA_F
ClientSampleId :
SB-01-COMP

Tgt Ion: 264 Resp: 97977
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 21.2 17.3 25.9



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

