

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052716\
 Data File : BF087460.D
 Acq On : 28 May 2016 00:55
 Operator : UM/SJ
 Sample : H3291-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Quant Time: May 28 04:19:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

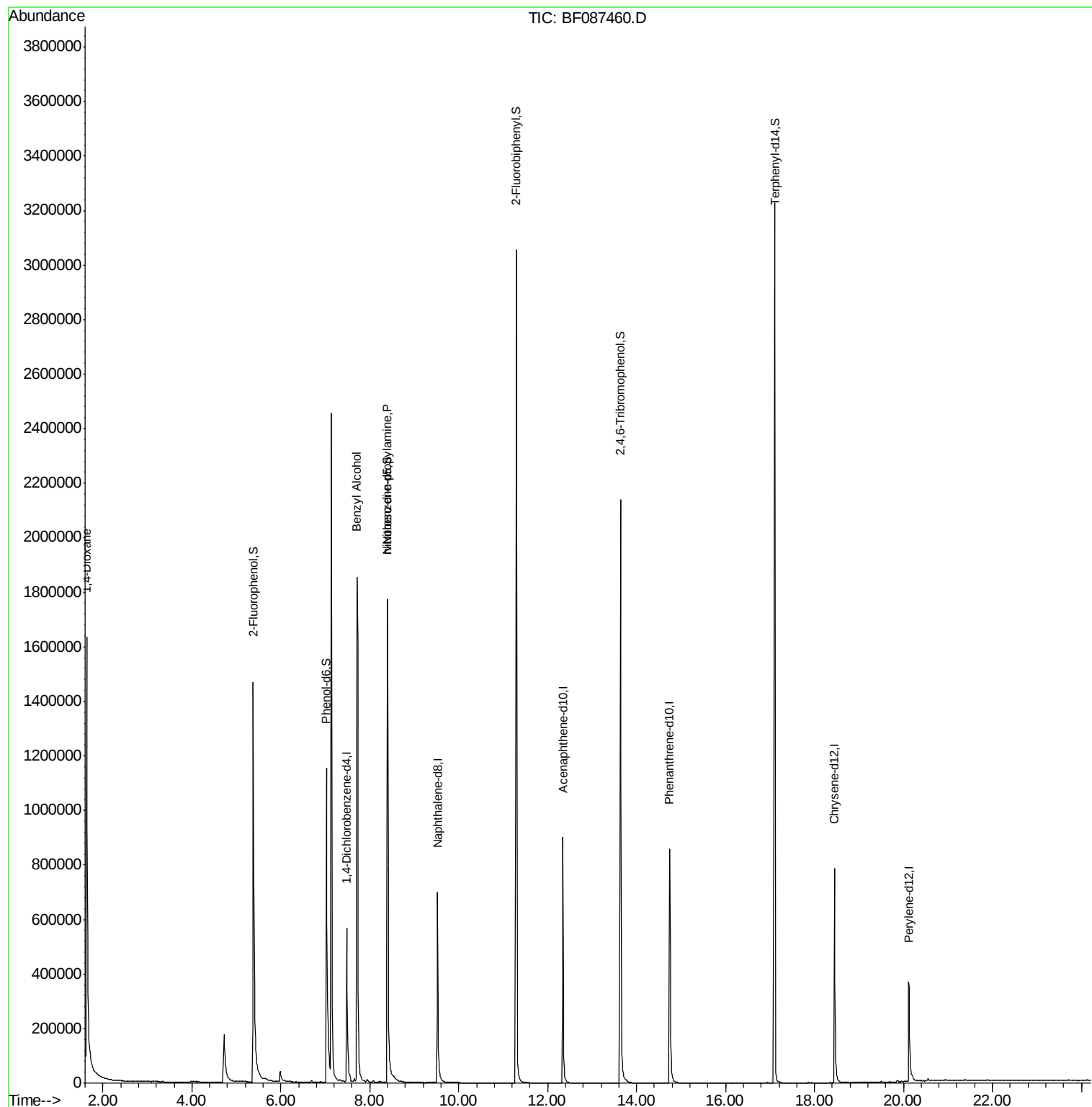
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	122976	20.00	ng	-0.03
21) Naphthalene-d8	9.52	136	500235	20.00	ng	-0.03
38) Acenaphthene-d10	12.34	164	247879	20.00	ng	-0.05
63) Phenanthrene-d10	14.74	188	485708	20.00	ng	-0.03
75) Chrysene-d12	18.45	240	403100	20.00	ng	-0.03
86) Perylene-d12	20.13	264	288554	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	621132	88.75	ng	-0.03
7) Phenol-d6	7.03	99	561189	59.34	ng	-0.05
23) Nitrobenzene-d5	8.40	82	823520	82.97	ng	-0.05
41) 2,4,6-Tribromophenol	13.63	330	339636	142.58	ng	-0.05
44) 2-Fluorobiphenyl	11.29	172	1504200	85.55	ng	-0.05
78) Terphenyl-d14	17.11	244	1633425	86.15	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.63	88	55161	14.94	ng	# 22
15) Benzyl Alcohol	7.71	79	14074	2.04	ng	# 44
19) n-Nitroso-di-n-propylamine	8.40	70	109124	15.47	ng	# 75

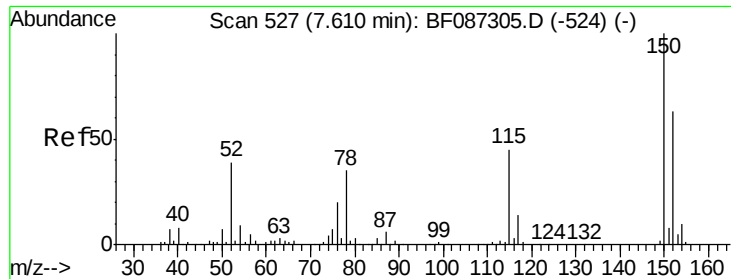
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.48 min Scan# 516

Delta R.T. -0.03 min

Lab File: BF087460.D

Acq: 28 May 2016 00:55

Instrument :

BNA_F

ClientSampled :

MW-17

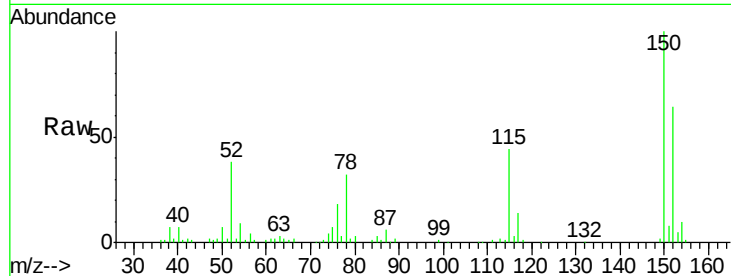
Tgt Ion: 152 Resp: 122976

Ion Ratio Lower Upper

152 100

150 156.7 125.8 188.6

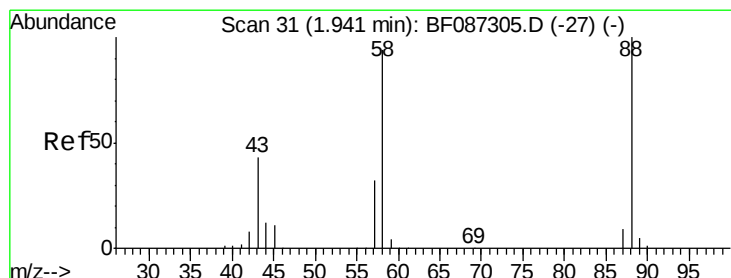
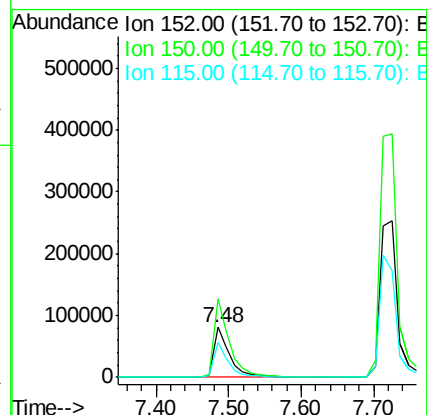
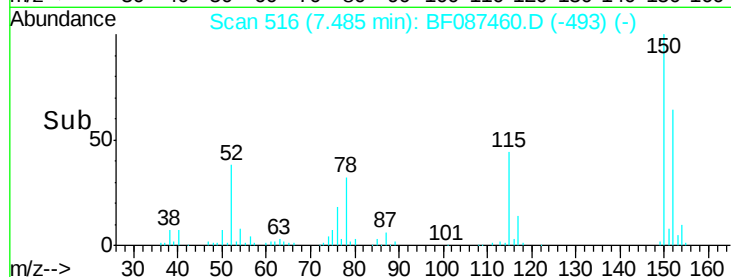
115 69.3 51.5 77.3



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



#2

1,4-Dioxane

Concen: 14.94 ng

RT: 1.63 min Scan# 4

Delta R.T. -0.18 min

Lab File: BF087460.D

Acq: 28 May 2016 00:55

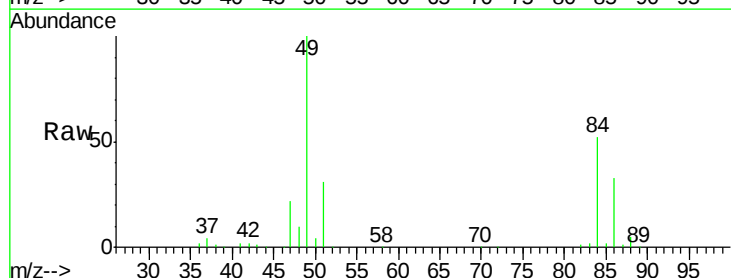
Tgt Ion: 88 Resp: 55161

Ion Ratio Lower Upper

88 100

58 0.0 59.6 89.4#

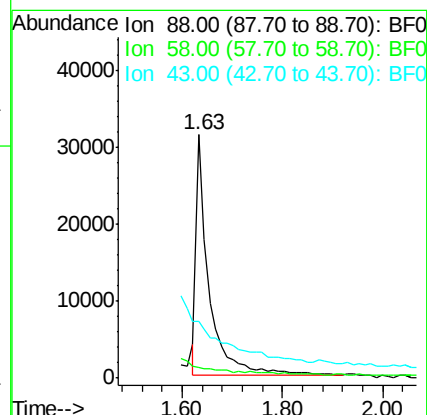
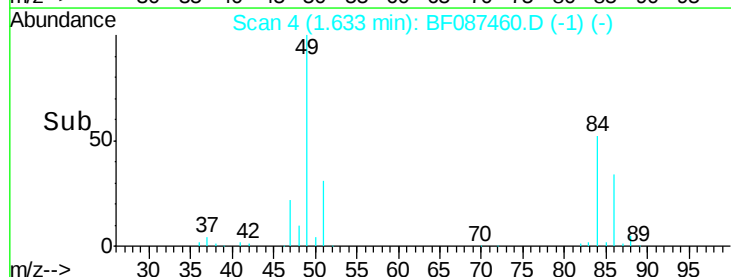
43 0.0 21.8 32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

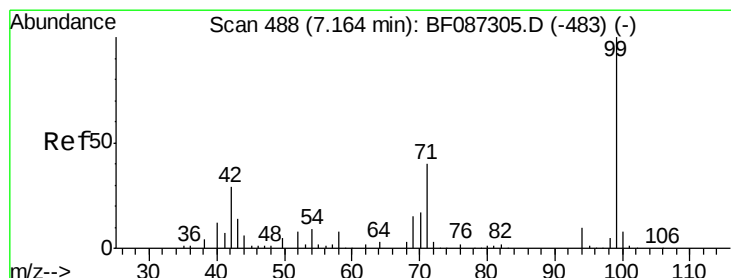
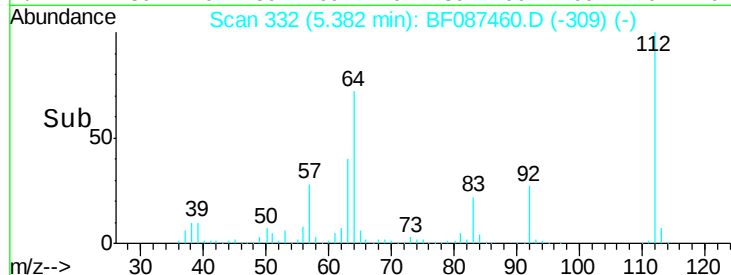
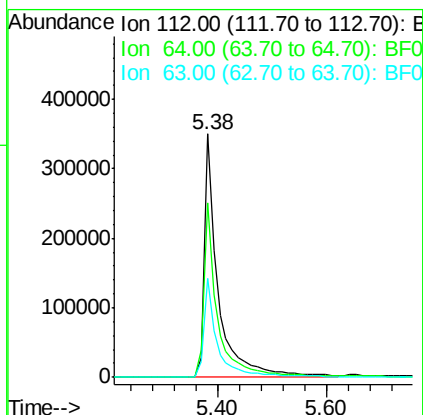
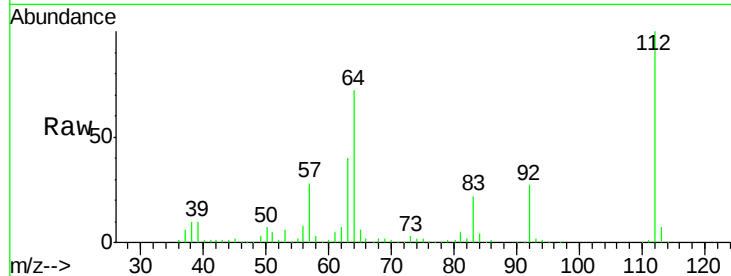




#5
 2-Fluorophenol
 Concen: 88.75 ng
 RT: 5.38 min Scan# 332
 Delta R.T. -0.03 min
 Lab File: BF087460.D
 Acq: 28 May 2016 00:55

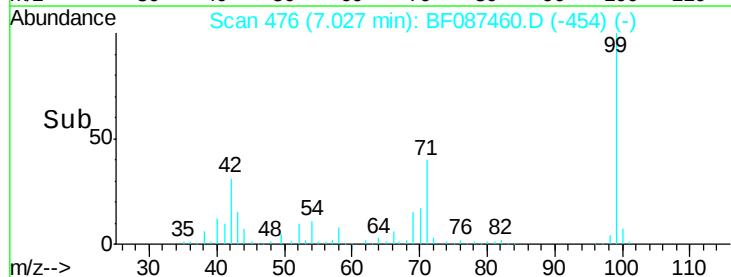
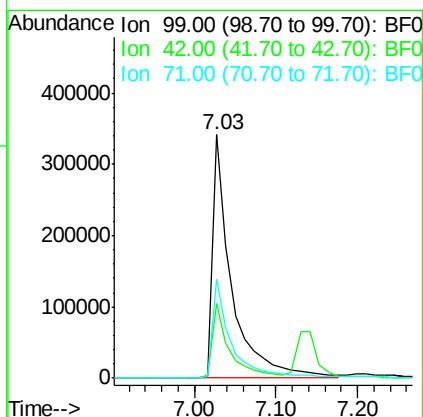
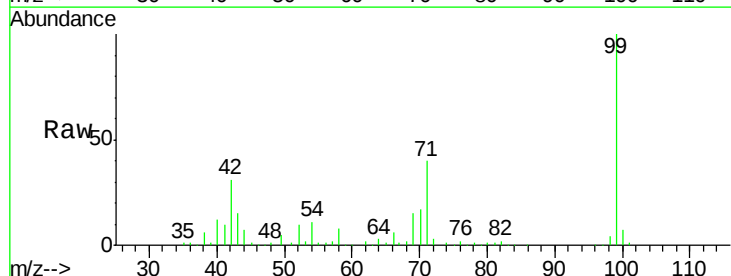
Instrument :
 BNA_F
 ClientSampleId :
 MW-17

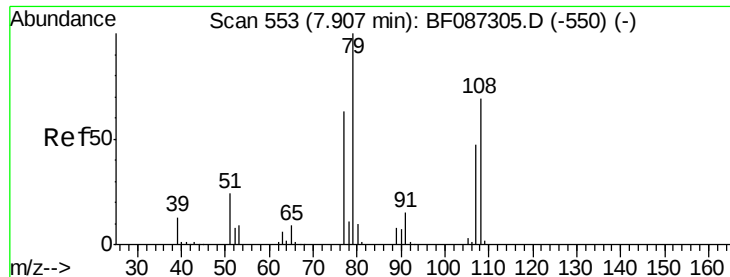
Tgt Ion: 112 Resp: 621132
 Ion Ratio Lower Upper
 112 100
 64 71.8 52.1 78.1
 63 40.5 25.7 38.5#



#7
 Phenol-d6
 Concen: 59.34 ng
 RT: 7.03 min Scan# 476
 Delta R.T. -0.05 min
 Lab File: BF087460.D
 Acq: 28 May 2016 00:55

Tgt Ion: 99 Resp: 561189
 Ion Ratio Lower Upper
 99 100
 42 30.9 13.6 20.4#
 71 40.4 24.6 36.8#





#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.10 min

Lab File: BF087460.D

Acq: 28 May 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MW-17

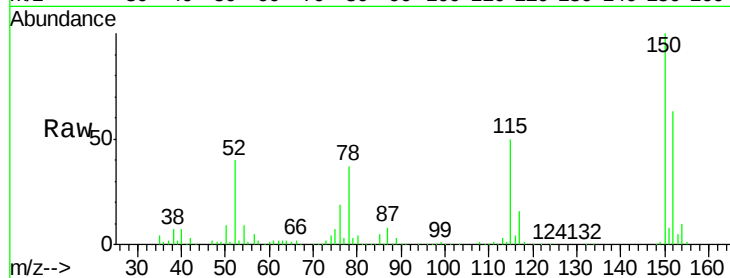
Tgt Ion: 79 Resp: 14074

Ion Ratio Lower Upper

79 100

108 26.7 68.4 102.6#

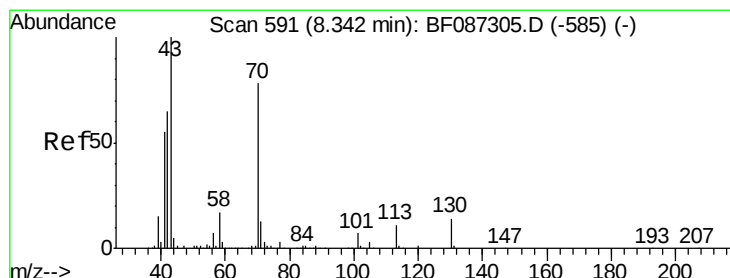
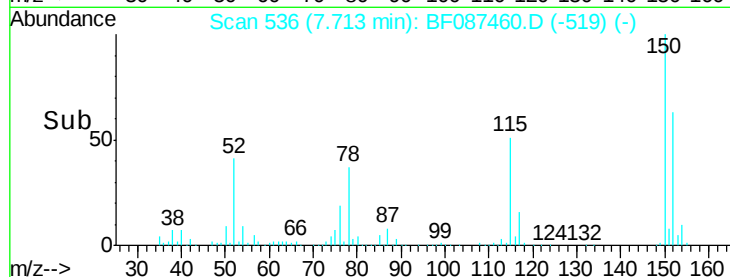
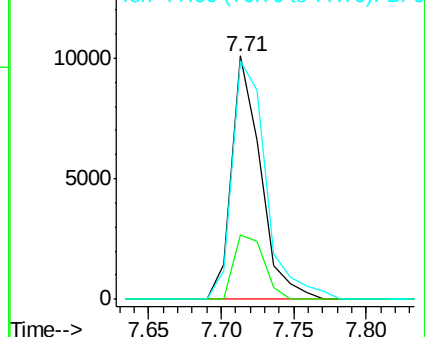
77 98.1 50.6 76.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.47 ng

RT: 8.40 min Scan# 596

Delta R.T. 0.15 min

Lab File: BF087460.D

Acq: 28 May 2016 00:55

Tgt Ion: 70 Resp: 109124

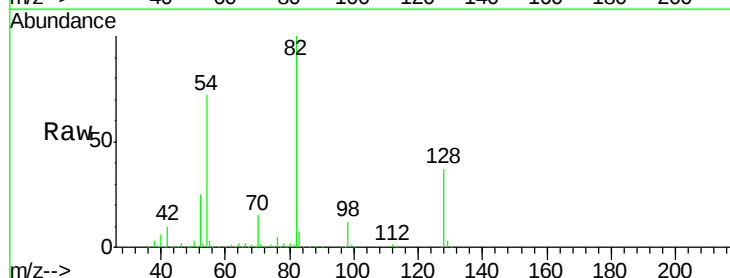
Ion Ratio Lower Upper

70 100

42 65.8 43.1 64.7#

101 0.0 8.1 12.1#

130 1.7 18.6 28.0#

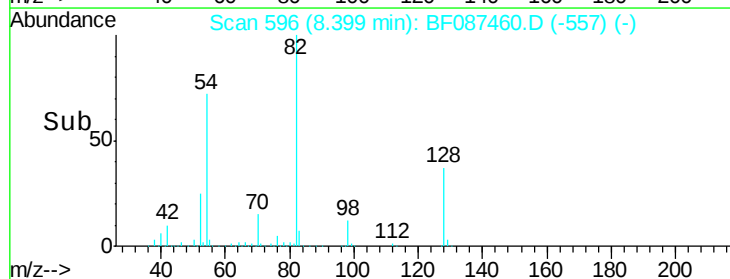
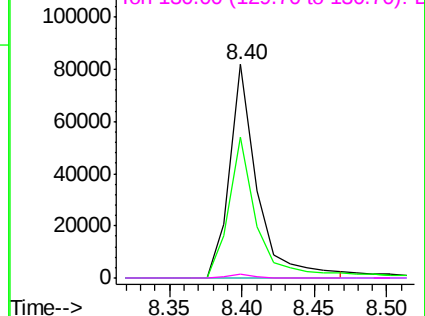


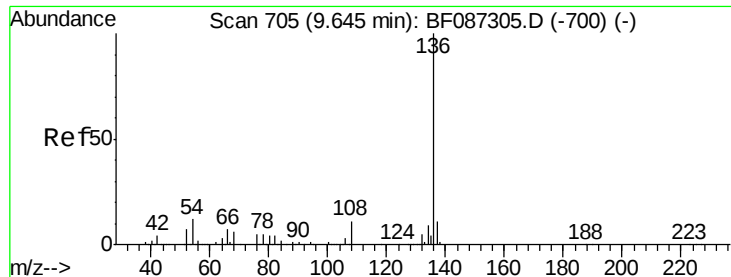
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

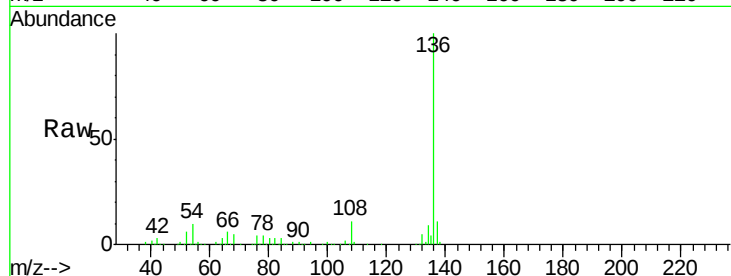




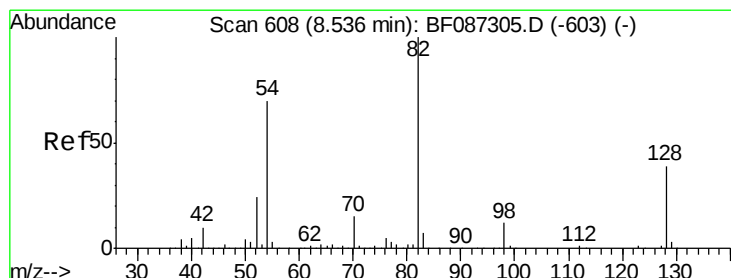
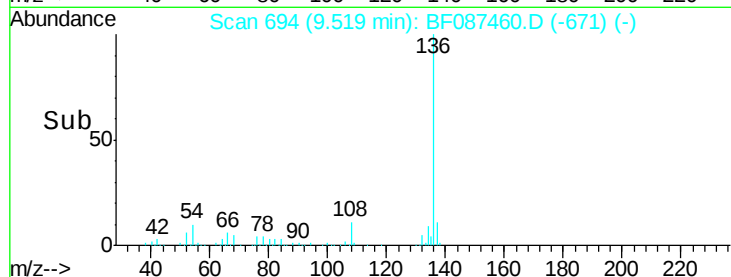
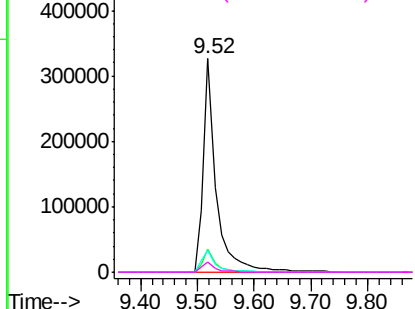
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF087460.D
Acq: 28 May 2016 00:55

Instrument :
BNA_F
ClientSampleId :
MW-17

Tgt Ion:	136	Resp:	500235
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.5	5.0	7.4#
68	5.0	4.4	6.6

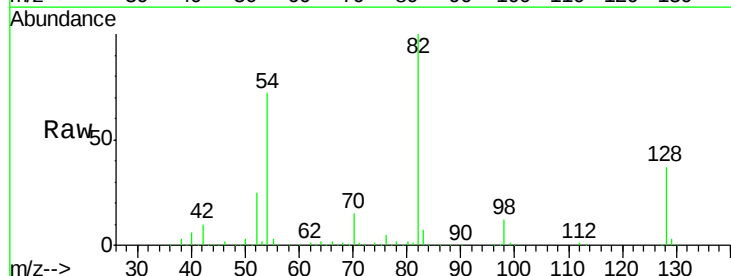


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

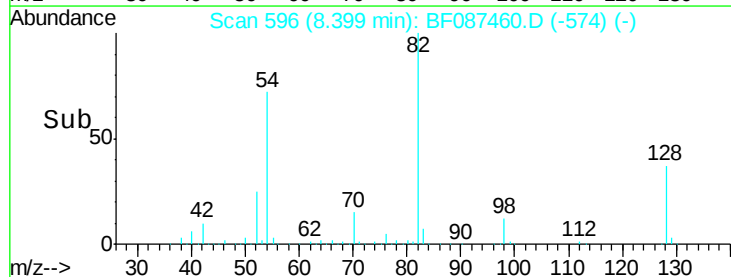
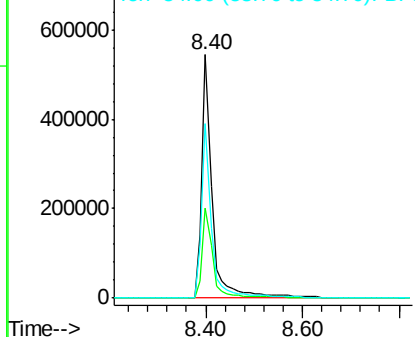


#23
Nitrobenzene-d5
Concen: 82.97 ng
RT: 8.40 min Scan# 596
Delta R.T. -0.05 min
Lab File: BF087460.D
Acq: 28 May 2016 00:55

Tgt Ion:	82	Resp:	823520
Ion	Ratio	Lower	Upper
82	100		
128	37.2	40.6	61.0#
54	71.7	38.1	57.1#



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

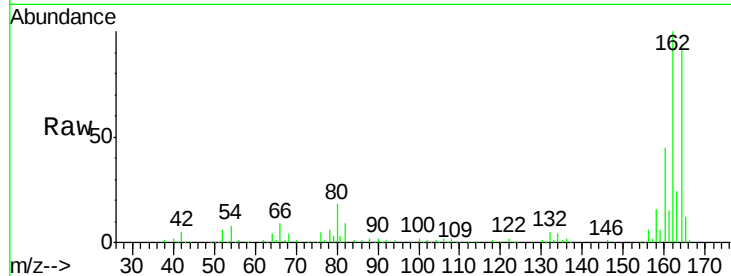




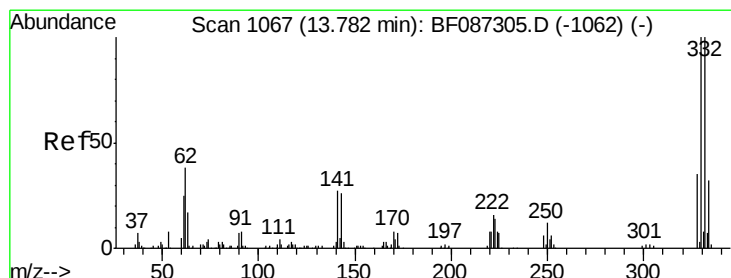
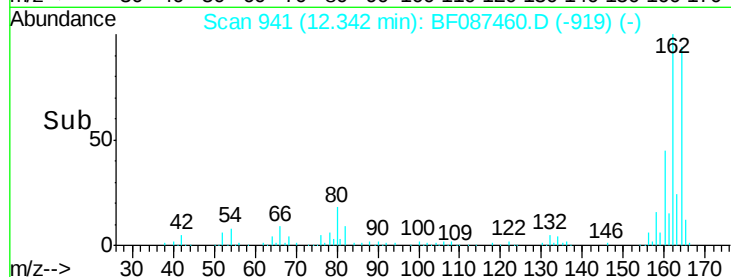
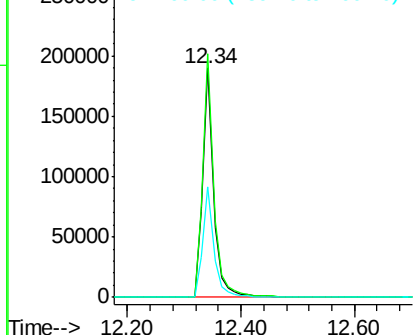
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.34 min Scan# 941
 Delta R.T. -0.05 min
 Lab File: BF087460.D
 Acq: 28 May 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:164 Resp: 247879
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.8 124.2
 160 48.1 36.9 55.3

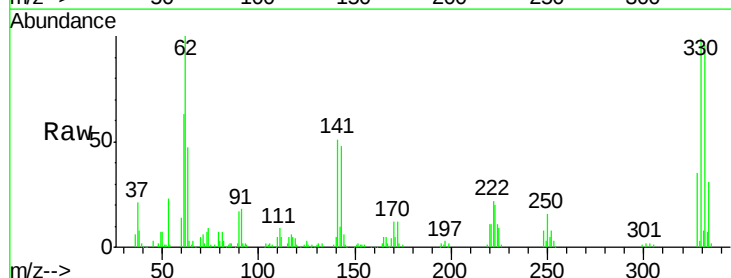


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

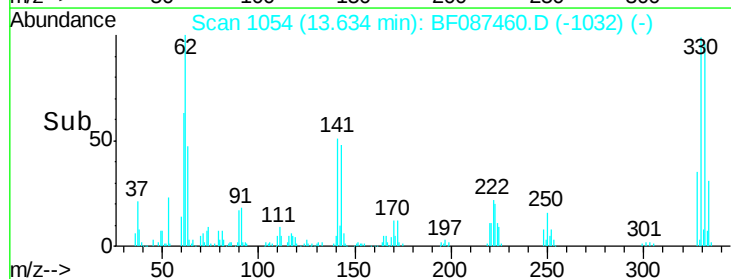
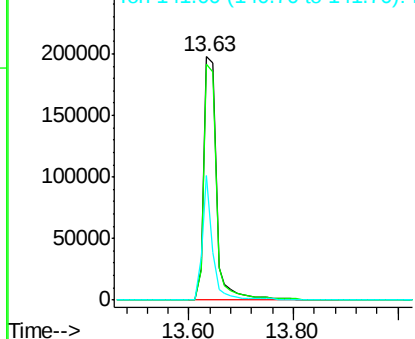


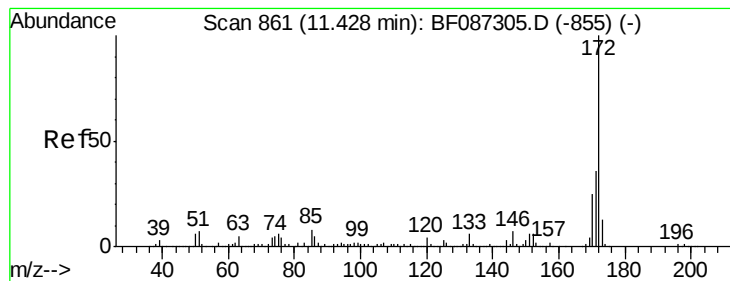
#41
 2,4,6-Tribromophenol
 Concen: 142.58 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.05 min
 Lab File: BF087460.D
 Acq: 28 May 2016 00:55

Tgt Ion:330 Resp: 339636
 Ion Ratio Lower Upper
 330 100
 332 96.6 79.0 118.4
 141 41.6 31.2 46.8



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

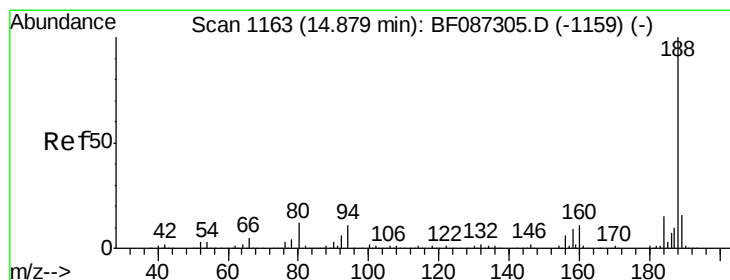
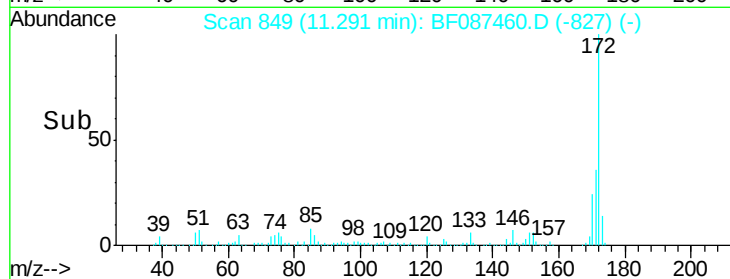
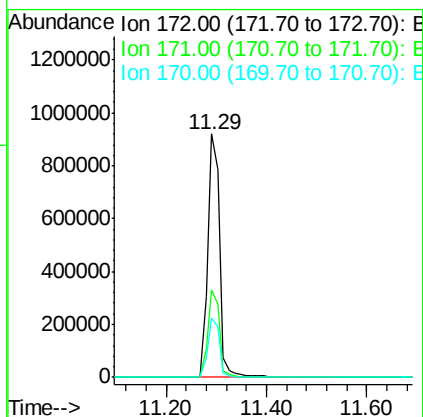
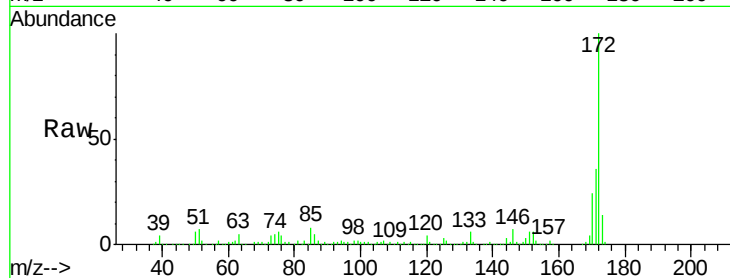




#44
 2-Fluorobiphenyl
 Concen: 85.55 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.05 min
 Lab File: BF087460.D
 Acq: 28 May 2016 00:55

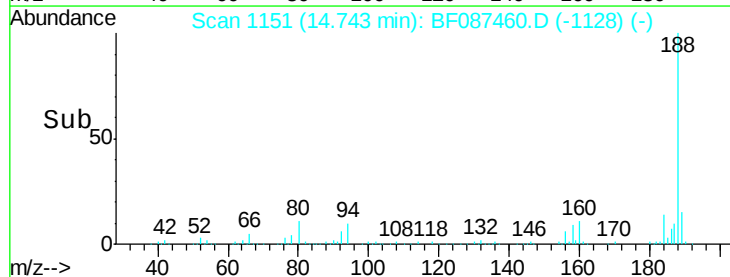
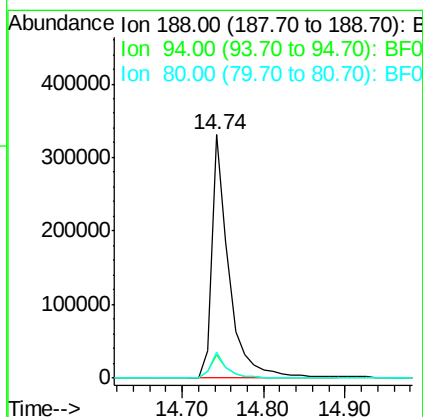
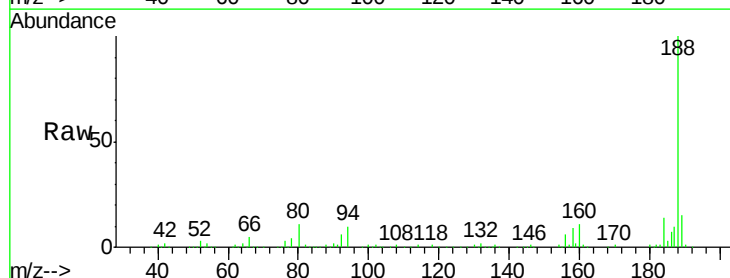
Instrument :
 BNA_F
 ClientSampleId :
 MW-17

Tgt Ion:172 Resp: 1504200
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.3 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF087460.D
 Acq: 28 May 2016 00:55

Tgt Ion:188 Resp: 485708
 Ion Ratio Lower Upper
 188 100
 94 9.8 6.8 10.2
 80 10.8 7.1 10.7#

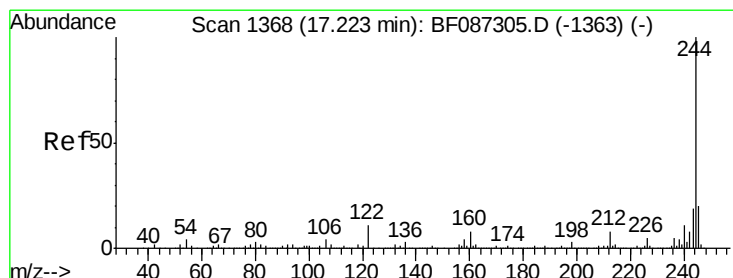
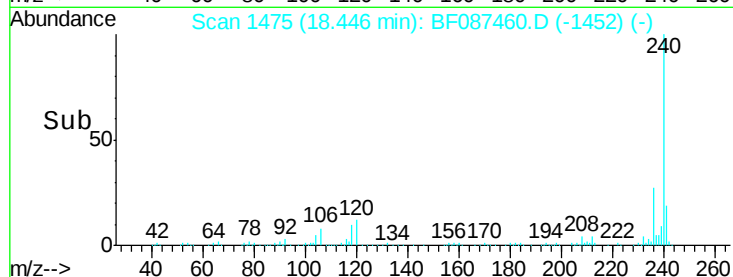
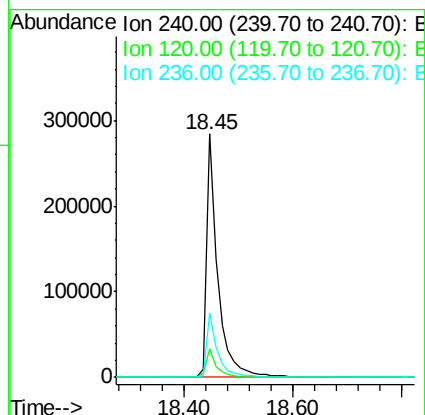
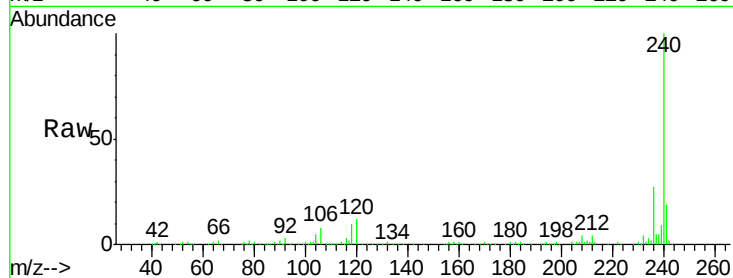




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.03 min
Lab File: BF087460.D
Acq: 28 May 2016 00:55

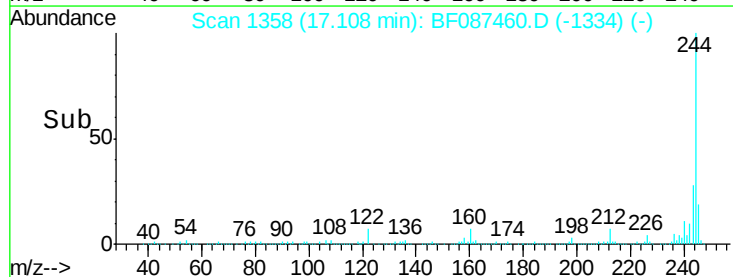
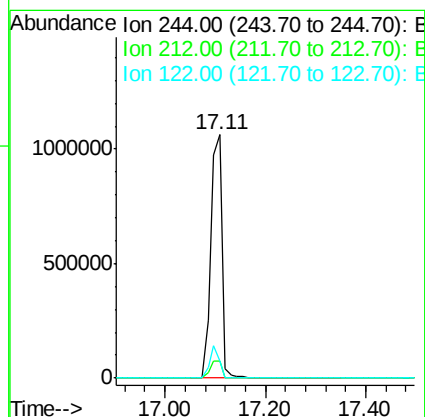
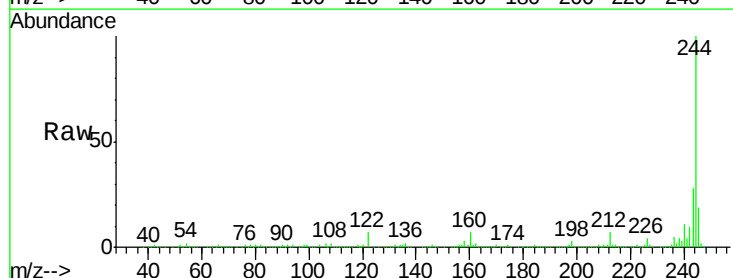
Instrument :
BNA_F
ClientSampleId :
MW-17

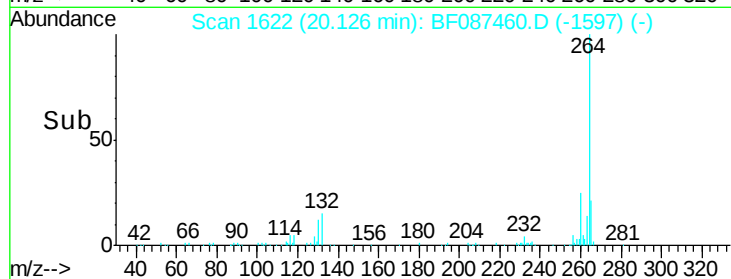
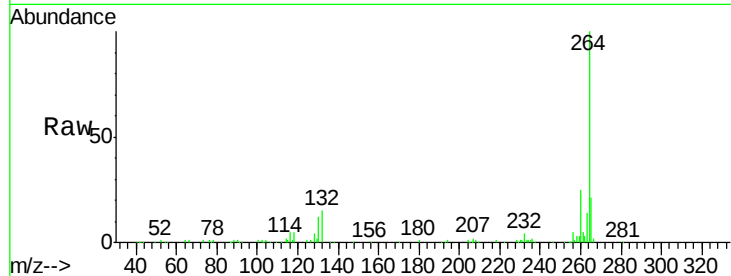
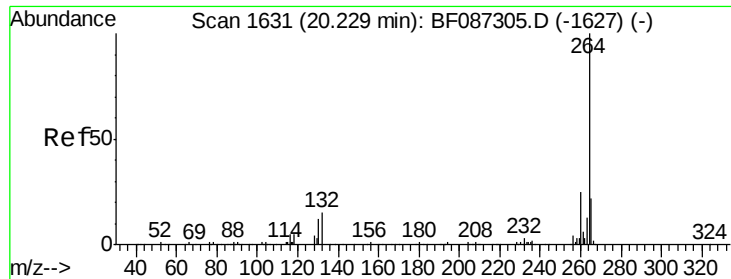
Tgt Ion:240 Resp: 403100
Ion Ratio Lower Upper
240 100
120 11.6 11.2 16.8
236 26.6 21.2 31.8



#78
Terphenyl-d14
Concen: 86.15 ng
RT: 17.11 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF087460.D
Acq: 28 May 2016 00:55

Tgt Ion:244 Resp: 1633425
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.2
122 7.2 12.0 18.0#





#86

Perylene-d12

Concen: 20.00 ng

RT: 20.13 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BF087460.D

Acq: 28 May 2016 00:55

Instrument :

BNA_F

ClientSampleId :

MW-17

Tgt Ion:264 Resp: 288554

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

265 20.6 17.3 25.9

