

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089263.D
 Acq On : 24 Jul 2016 6:35
 Operator : UM/SJ
 Sample : H4151-08
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Time: Jul 25 01:19:12 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

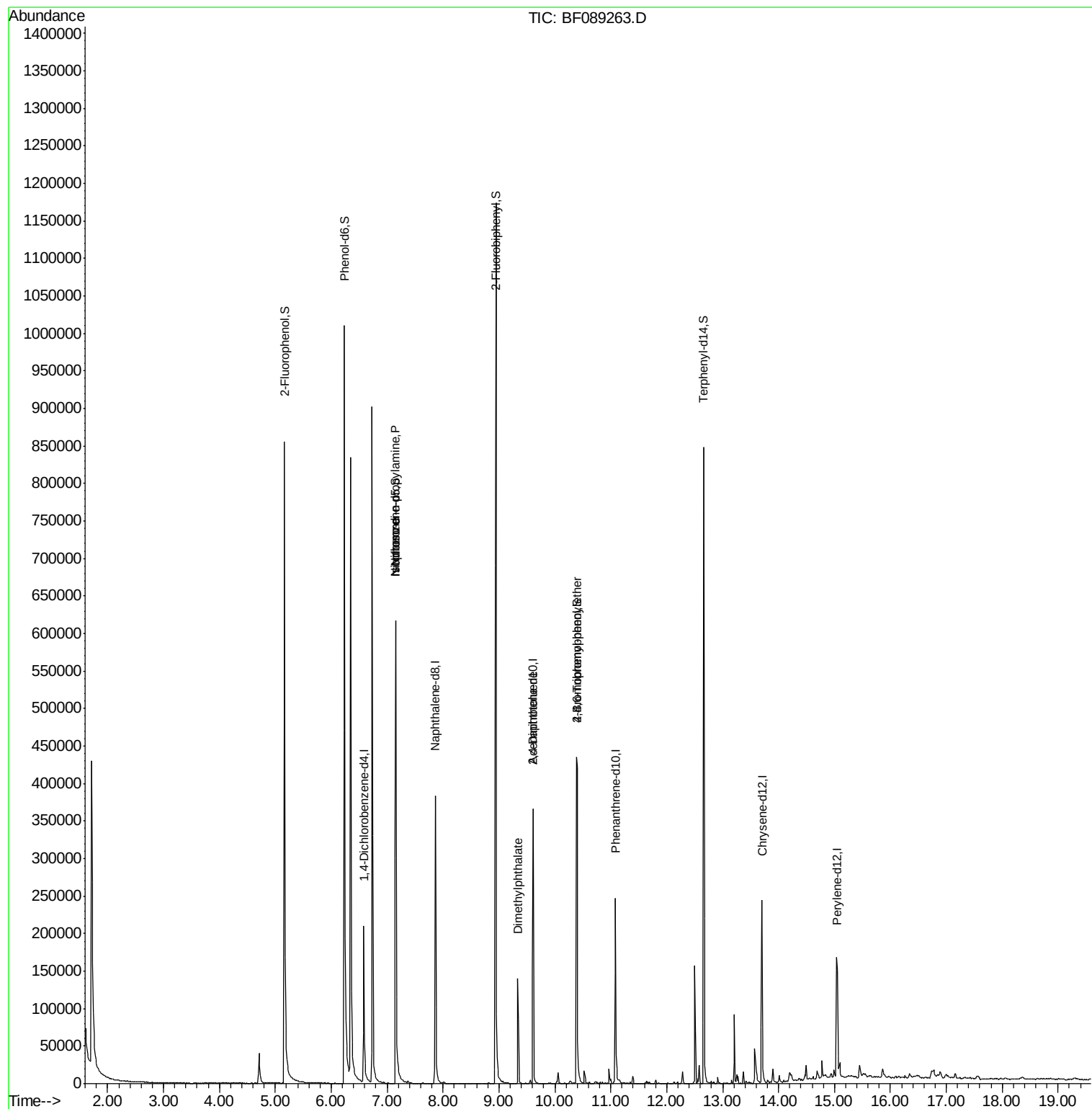
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	46767	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	202830	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	84251	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	133753	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	91558	20.00	ng	-0.02
86) Perylene-d12	15.05	264	90185	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	366739	119.26	ng	-0.02
7) Phenol-d6	6.24	99	496487	125.20	ng	-0.03
23) Nitrobenzene-d5	7.15	82	305555	80.04	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	75227	99.17	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	503923	82.41	ng	-0.02
78) Terphenyl-d14	12.66	244	266238	63.07	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.24	77	382	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	39691	15.30	ng	# 78
25) Isophorone	7.15	82	235680	33.50	ng	# 66
49) Dimethylphthalate	9.34	163	76804	11.88	ng	# 97
56) 2,4-Dinitrotoluene	9.61	165	10257	5.46	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	5298	4.00	ng	# 1

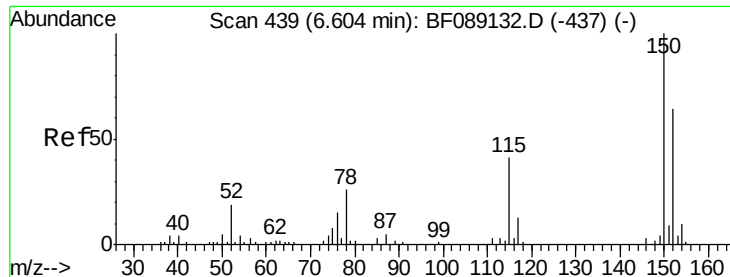
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089263.D
Acq On : 24 Jul 2016 6:35
Operator : UM/SJ
Sample : H4151-08
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Quant Time: Jul 25 01:19:12 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



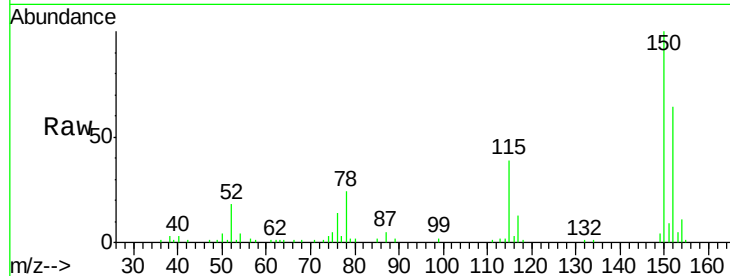


#1

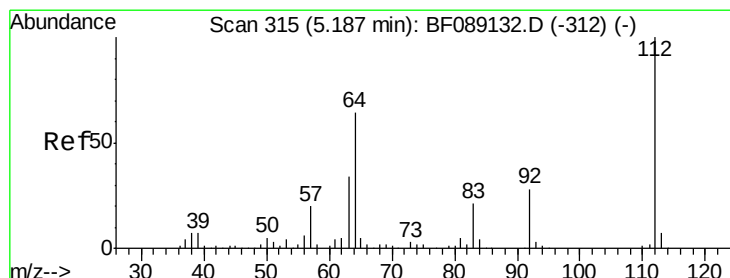
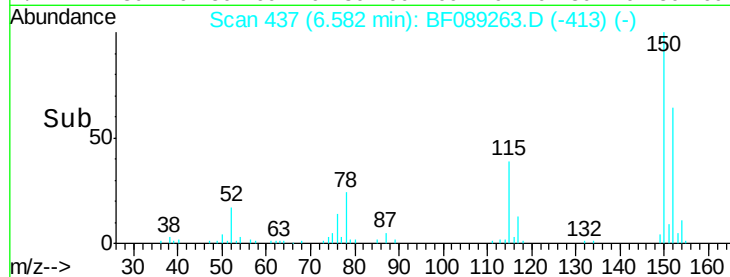
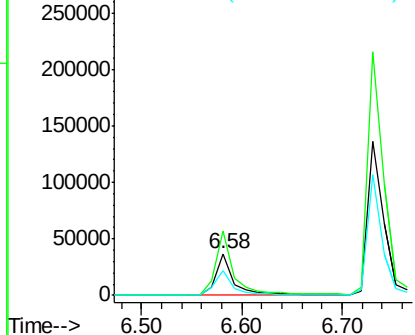
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF089263.D
Acq: 24 Jul 2016 6:35

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	125.1	187.7
115	61.3	51.1	76.7



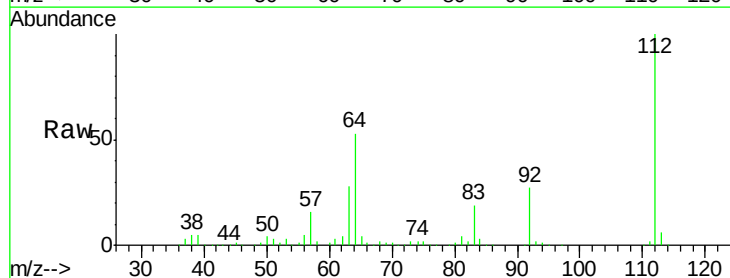
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



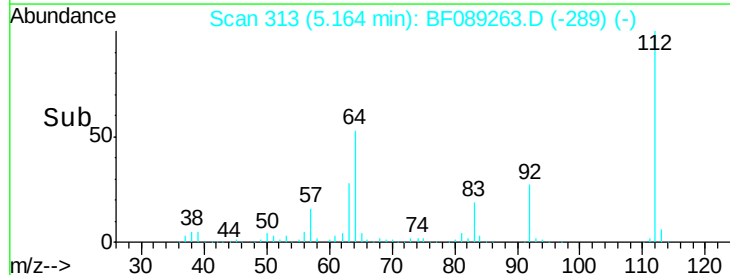
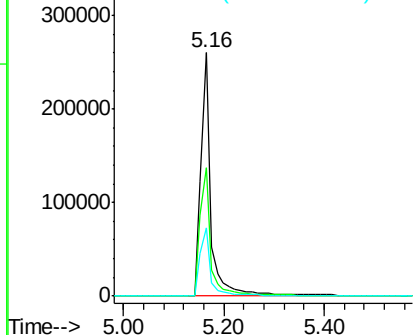
#5

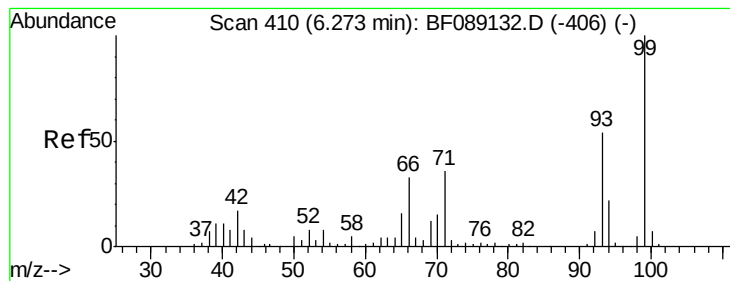
2-Fluorophenol
Concen: 119.26 ng
RT: 5.16 min Scan# 313
Delta R.T. -0.02 min
Lab File: BF089263.D
Acq: 24 Jul 2016 6:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	51.0	76.4
63	28.2	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: 125.20 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089263.D

Acq: 24 Jul 2016 6:35

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

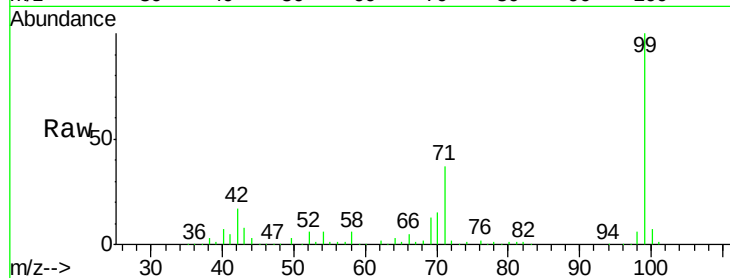
Tgt Ion: 99 Resp: 496487

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

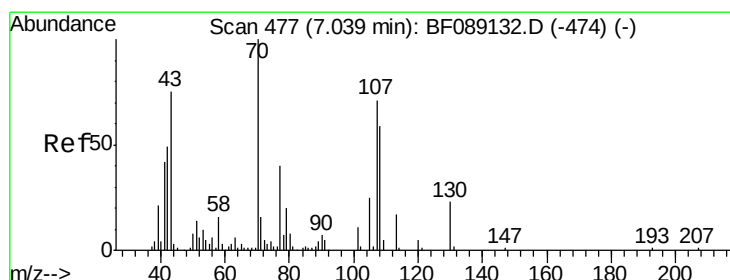
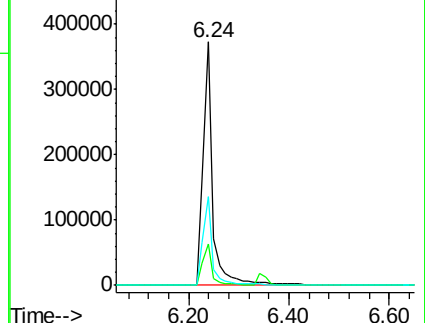
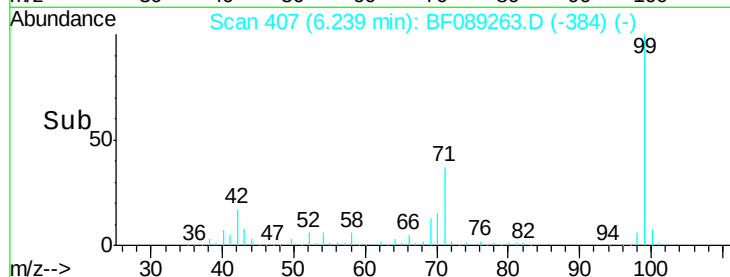
71 36.7 28.9 43.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.30 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089263.D

Acq: 24 Jul 2016 6:35

Tgt Ion: 70 Resp: 39691

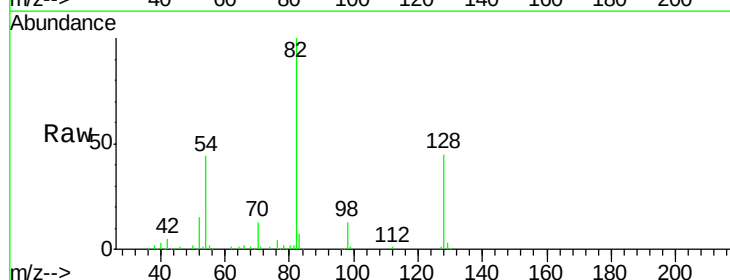
Ion Ratio Lower Upper

70 100

42 41.9 39.2 58.8

101 0.0 8.5 12.7#

130 2.1 18.4 27.6#

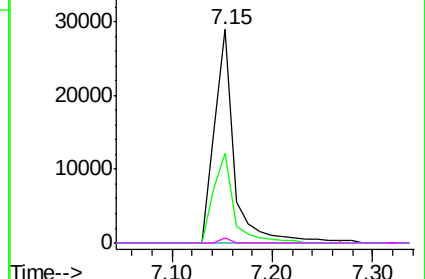
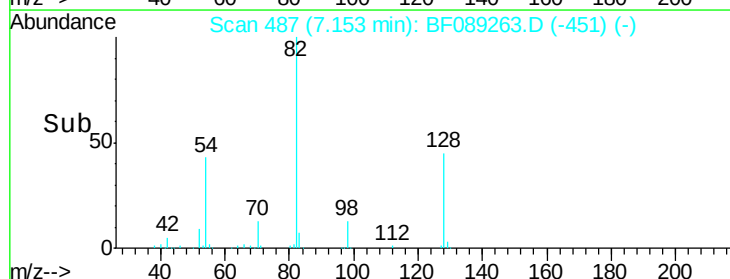


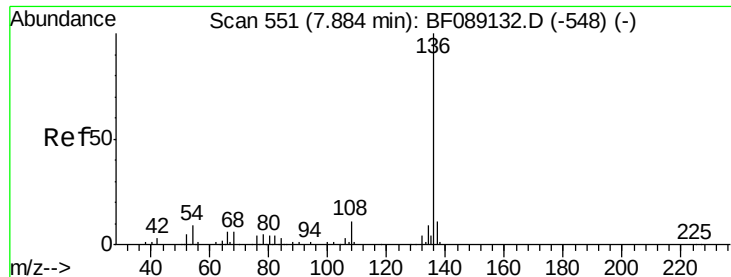
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

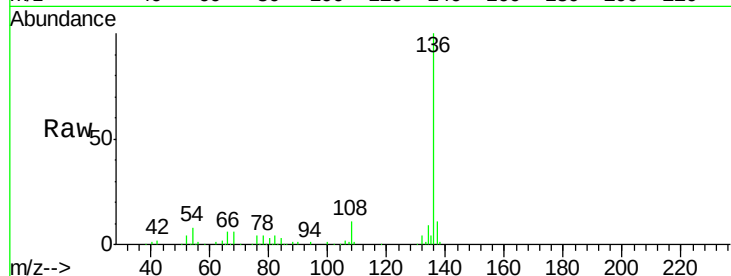




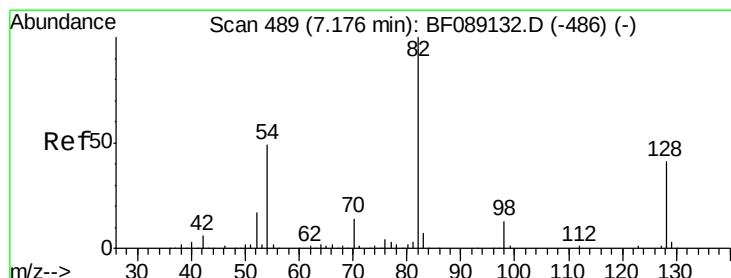
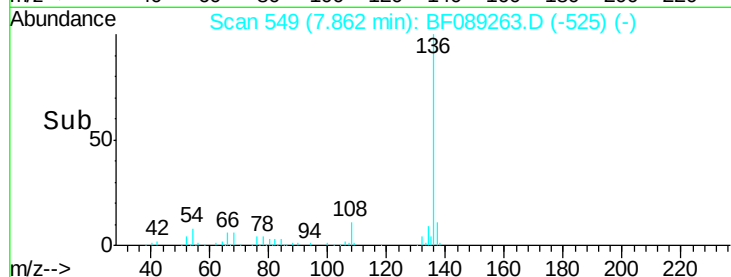
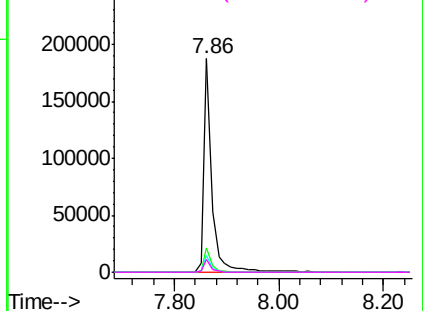
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF089263.D
Acq: 24 Jul 2016 6:35

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:	136	Resp:	202830
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.6	7.0	10.4
68	5.8	5.0	7.6

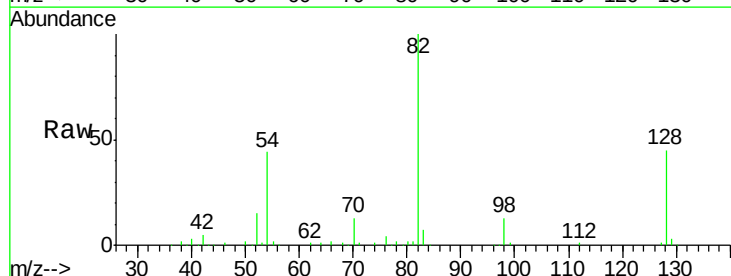


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

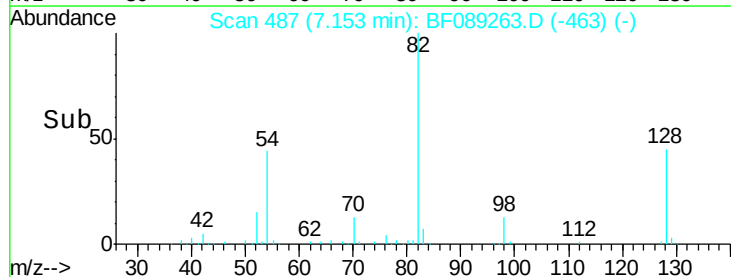
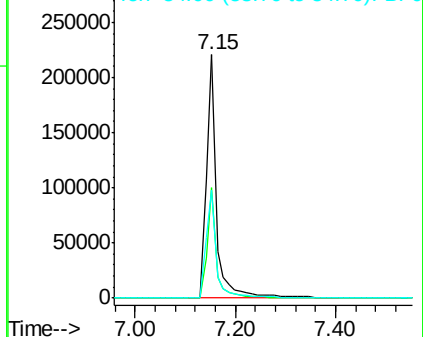


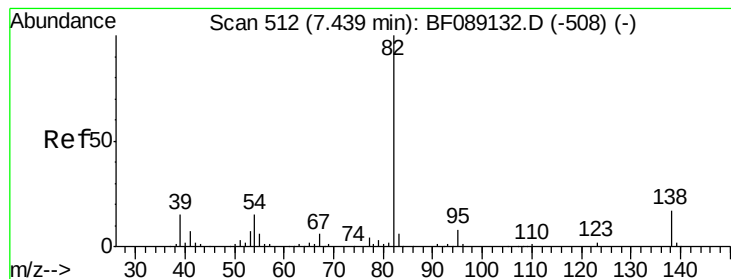
#23
Nitrobenzene-d5
Concen: 80.04 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF089263.D
Acq: 24 Jul 2016 6:35

Tgt Ion:	82	Resp:	305555
Ion	Ratio	Lower	Upper
82	100		
128	45.4	33.0	49.6
54	44.3	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





#25

Isophorone

Concen: 33.50 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.29 min

Lab File: BF089263.D

Acq: 24 Jul 2016 6:35

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

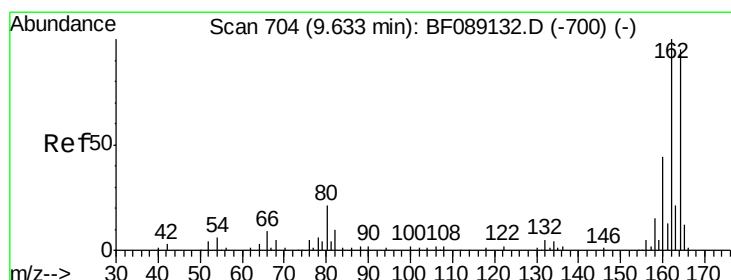
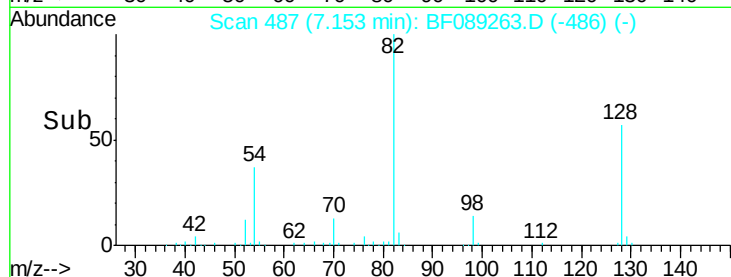
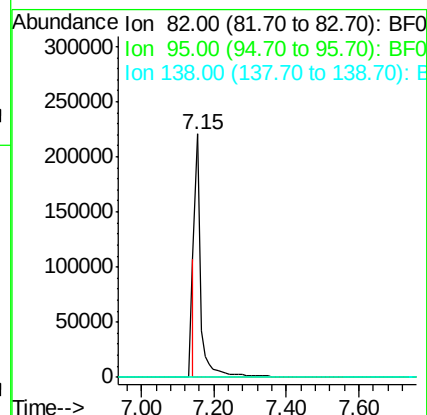
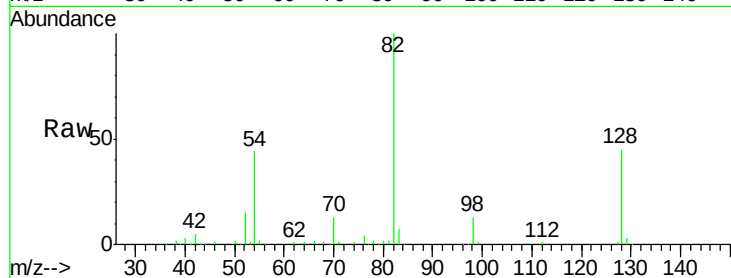
Tgt Ion: 82 Resp: 235680

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF089263.D

Acq: 24 Jul 2016 6:35

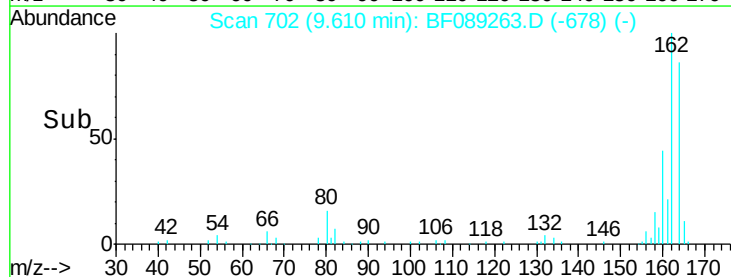
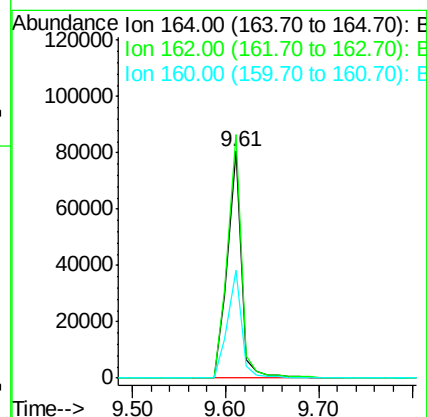
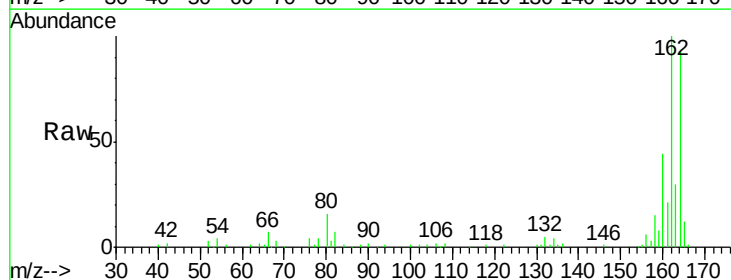
Tgt Ion: 164 Resp: 84251

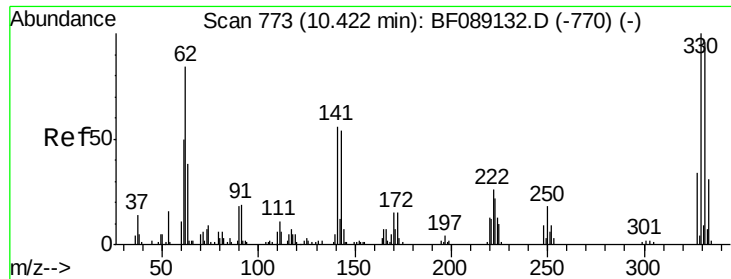
Ion Ratio Lower Upper

164 100

162 107.5 84.1 126.1

160 47.8 37.1 55.7

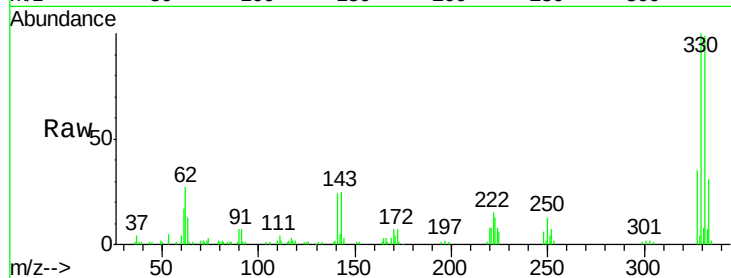




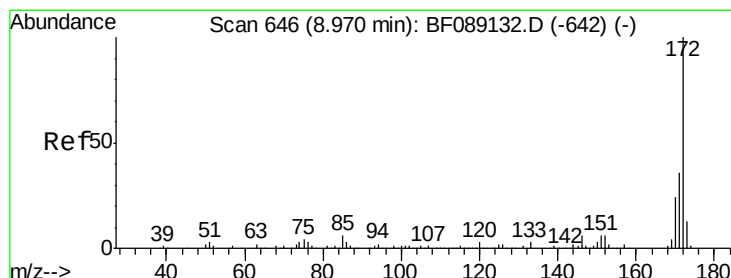
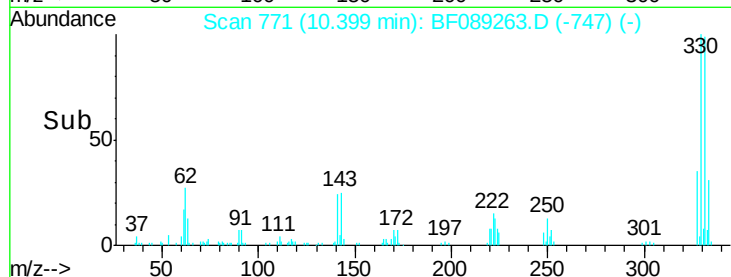
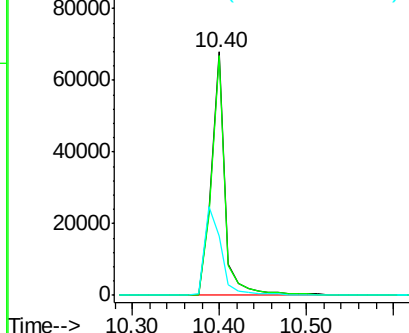
#41
 2,4,6-Tribromophenol
 Concen: 99.17 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BF089263.D
 Acq: 24 Jul 2016 6:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tgt Ion:330 Resp: 75227
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.2 115.8
 141 44.1 42.2 63.2

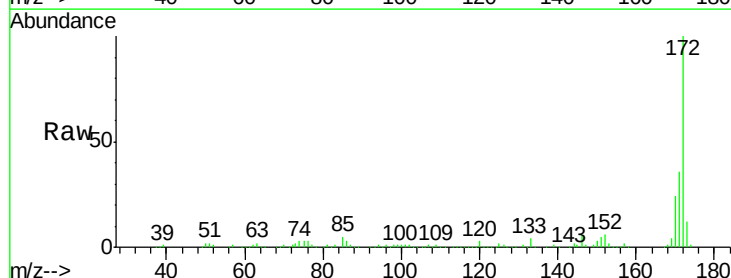


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

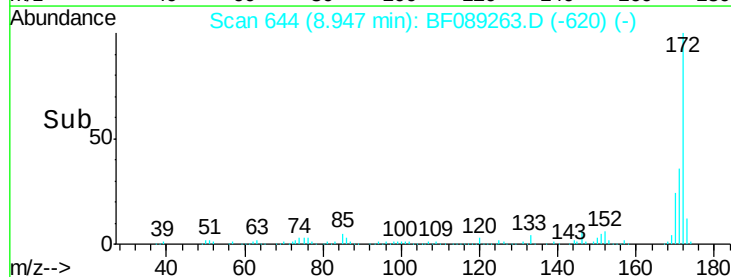
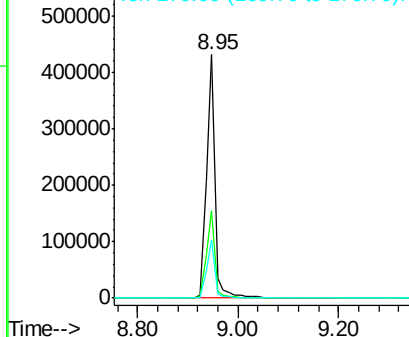


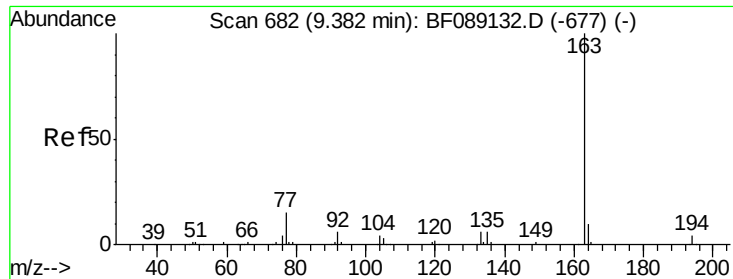
#44
 2-Fluorobiphenyl
 Concen: 82.41 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089263.D
 Acq: 24 Jul 2016 6:35

Tgt Ion:172 Resp: 503923
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.7 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

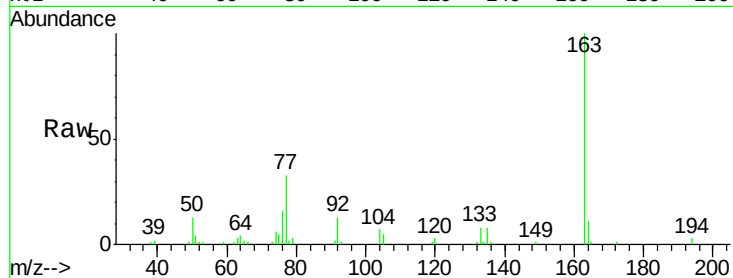




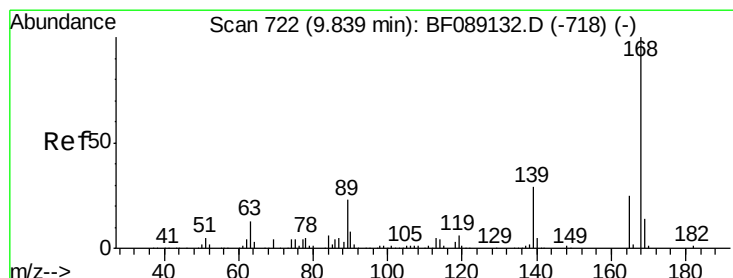
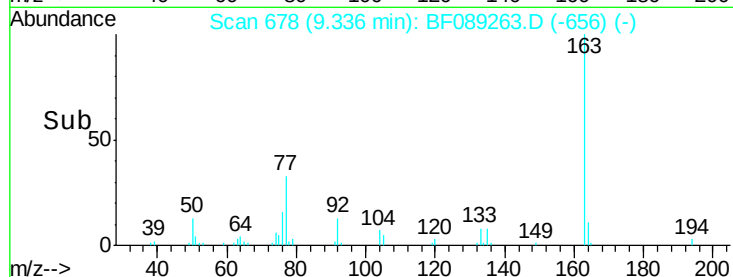
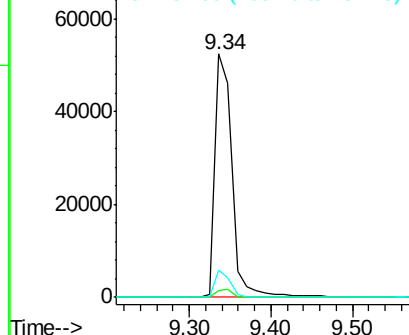
#49
Dimethylphthalate
Concen: 11.88 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF089263.D
Acq: 24 Jul 2016 6:35

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:163 Resp: 76804
Ion Ratio Lower Upper
163 100
194 2.9 2.9 4.3
164 10.9 7.6 11.4

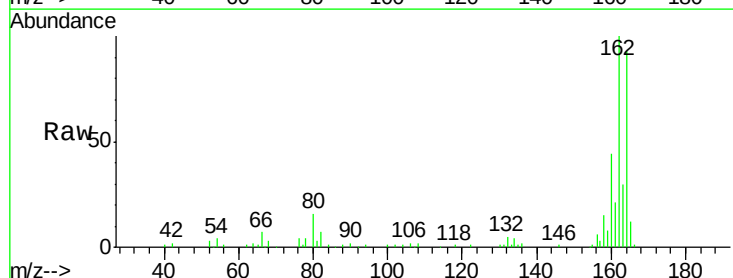


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

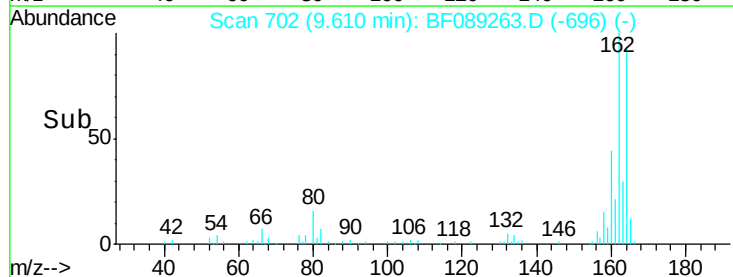
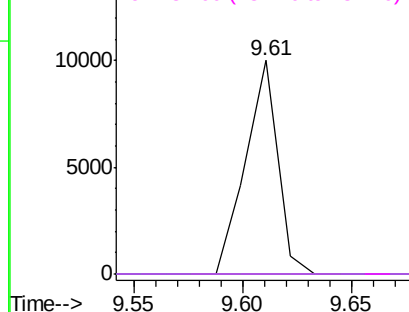


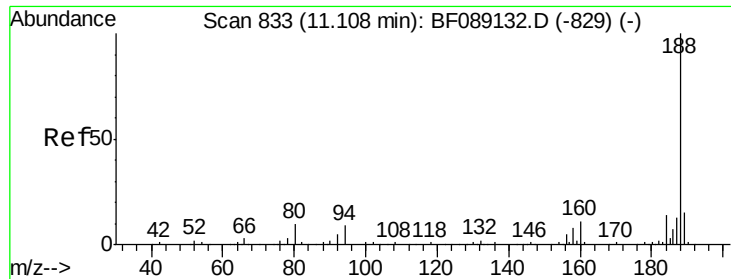
#56
2,4-Dinitrotoluene
Concen: 5.46 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.23 min
Lab File: BF089263.D
Acq: 24 Jul 2016 6:35

Tgt Ion:165 Resp: 10257
Ion Ratio Lower Upper
165 100
63 0.0 55.4 83.2#
89 0.0 74.3 111.5#
182 0.0 2.0 3.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

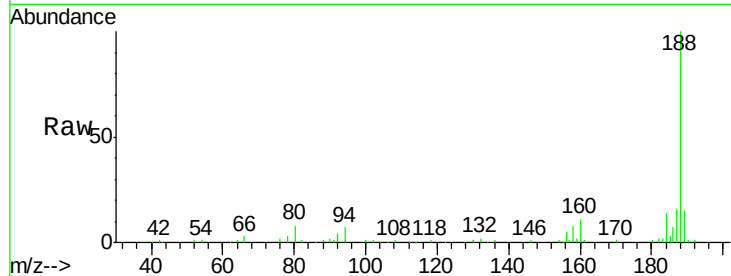




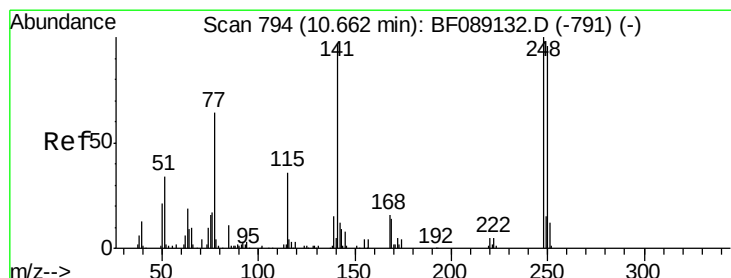
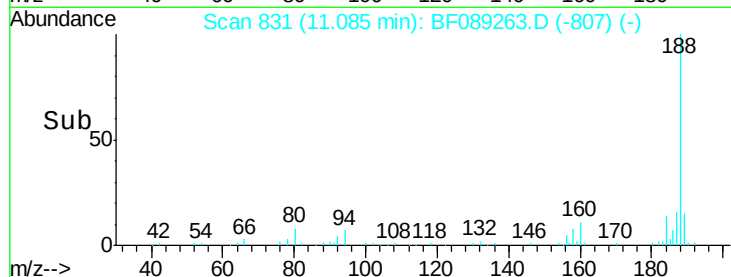
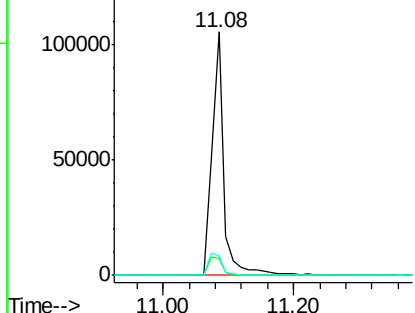
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089263.D
 Acq: 24 Jul 2016 6:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tgt Ion:188 Resp: 133753
 Ion Ratio Lower Upper
 188 100
 94 7.3 7.0 10.4
 80 8.1 7.7 11.5

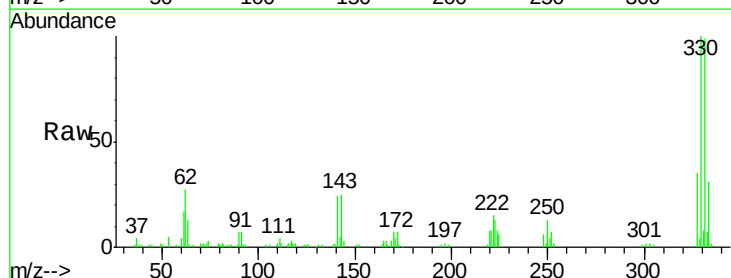


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

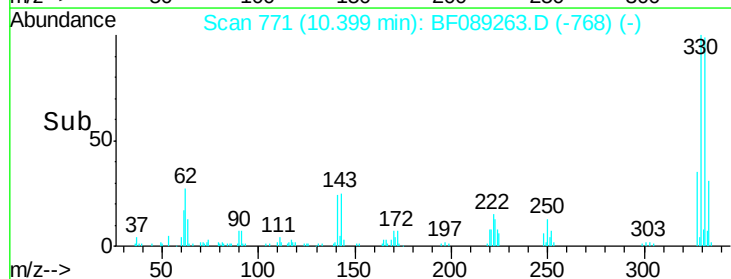
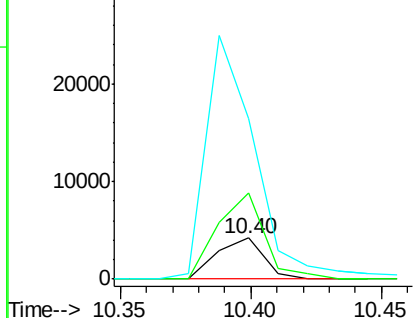


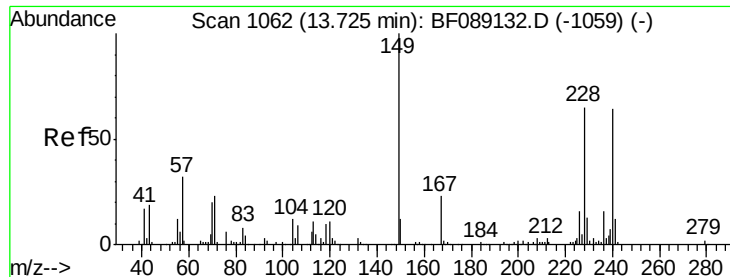
#66
 4-Bromophenyl-phenylether
 Concen: 4.00 ng
 RT: 10.40 min Scan# 771
 Delta R.T. -0.26 min
 Lab File: BF089263.D
 Acq: 24 Jul 2016 6:35

Tgt Ion:248 Resp: 5298
 Ion Ratio Lower Upper
 248 100
 250 209.4 76.9 115.3#
 141 391.1 77.4 116.2#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089263.D

Acq: 24 Jul 2016 6:35

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

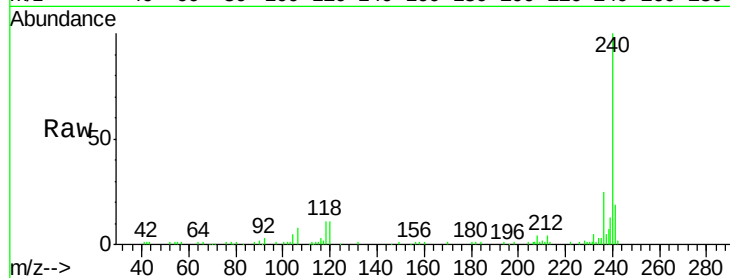
Tgt Ion:240 Resp: 91558

Ion Ratio Lower Upper

240 100

120 11.1 13.6 20.4#

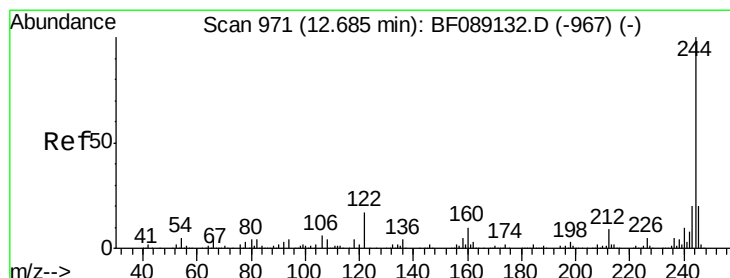
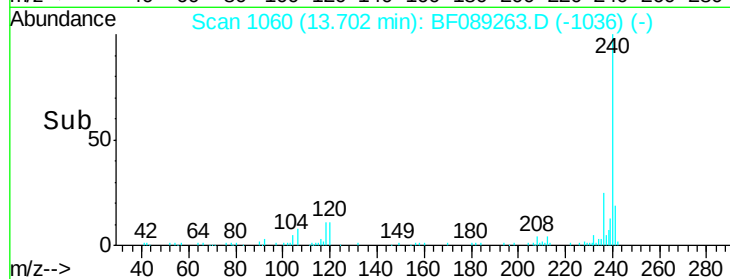
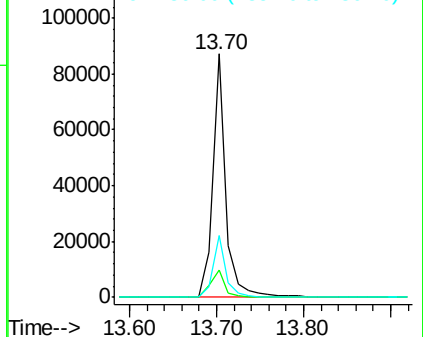
236 25.4 20.5 30.7



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: 63.07 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF089263.D

Acq: 24 Jul 2016 6:35

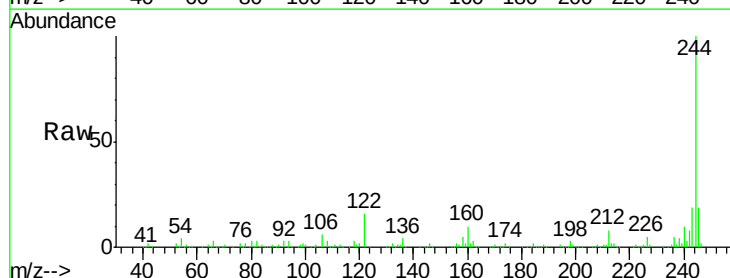
Tgt Ion:244 Resp: 266238

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.4

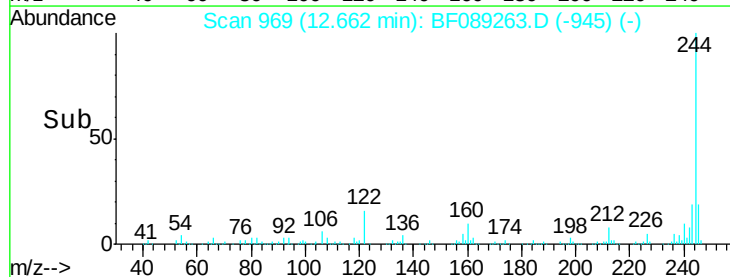
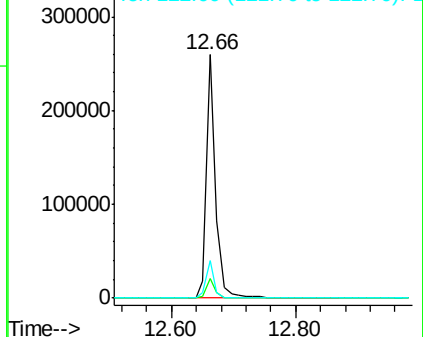
122 15.5 13.8 20.8

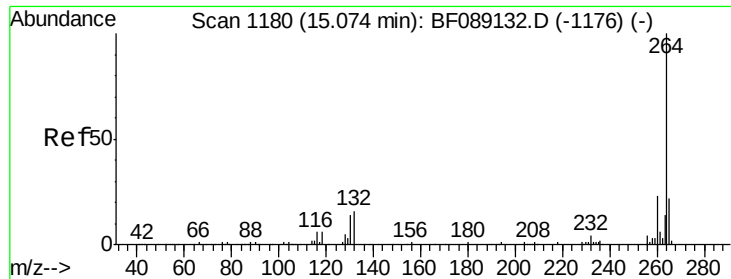


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

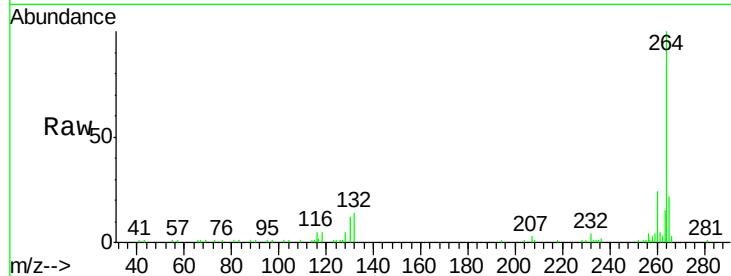




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089263.D
Acq: 24 Jul 2016 6:35

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion: 264 Resp: 90185
Ion Ratio Lower Upper
264 100
260 23.7 18.5 27.7
265 22.1 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

