

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080216\
 Data File : BF089543.D
 Acq On : 2 Aug 2016 13:14
 Operator : UM/SJ
 Sample : PB92601BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BL

Quant Time: Aug 03 01:01:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

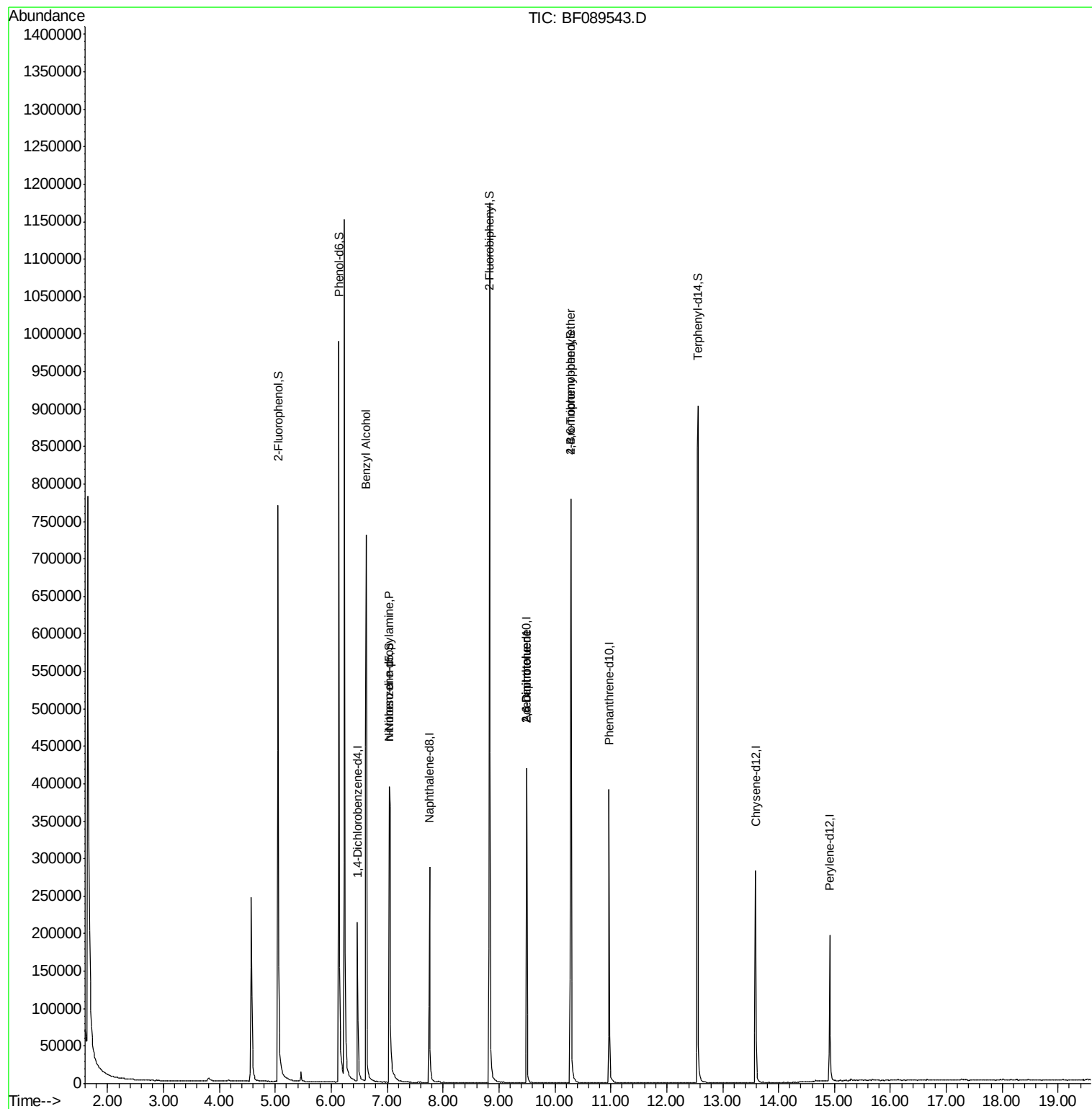
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	43199	20.00	ng	-0.08
21) Naphthalene-d8	7.76	136	174704	20.00	ng	-0.07
38) Acenaphthene-d10	9.50	164	83884	20.00	ng	-0.08
63) Phenanthrene-d10	10.97	188	161272	20.00	ng	-0.08
75) Chrysene-d12	13.59	240	113166	20.00	ng	-0.08
86) Perylene-d12	14.91	264	82317	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	323981	119.75	ng	-0.06
7) Phenol-d6	6.14	99	440719	123.26	ng	-0.07
23) Nitrobenzene-d5	7.04	82	253379	85.61	ng	-0.08
41) 2,4,6-Tribromophenol	10.28	330	80157	115.38	ng	-0.08
44) 2-Fluorobiphenyl	8.83	172	450299	78.78	ng	-0.08
78) Terphenyl-d14	12.56	244	435510	90.07	ng	-0.07
Target Compounds						
15) Benzyl Alcohol	6.63	79	4524	2.04	ng	# 49
19) n-Nitroso-di-n-propylamine	7.04	70	31607	14.66	ng	# 83
50) 2,6-Dinitrotoluene	9.50	165	10538	8.03	ng	# 24
56) 2,4-Dinitrotoluene	9.50	165	10538	6.10	ng	# 7
66) 4-Bromophenyl-phenylether	10.28	248	6128	3.98	ng	# 1

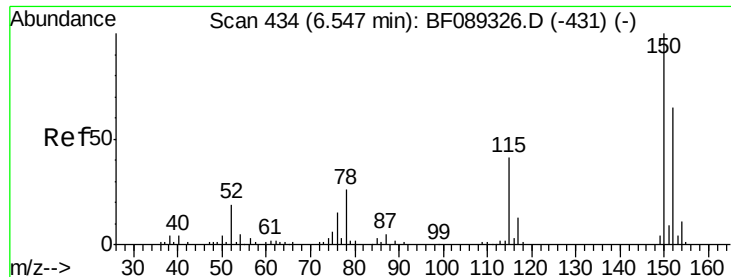
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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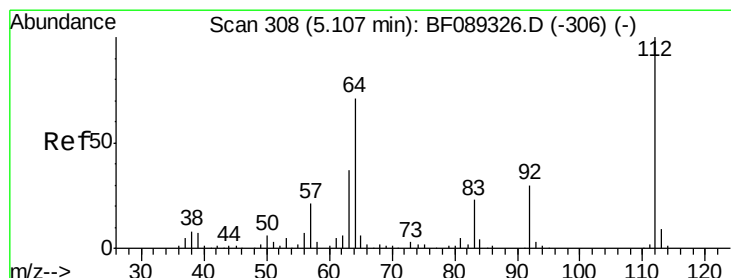
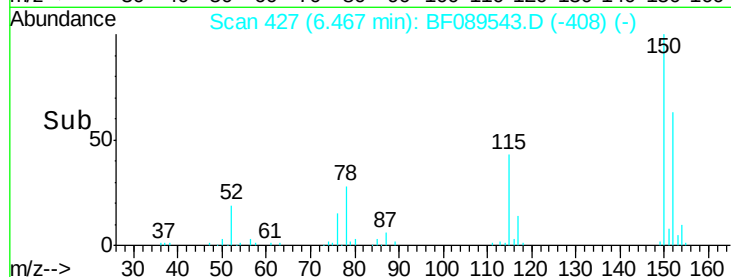
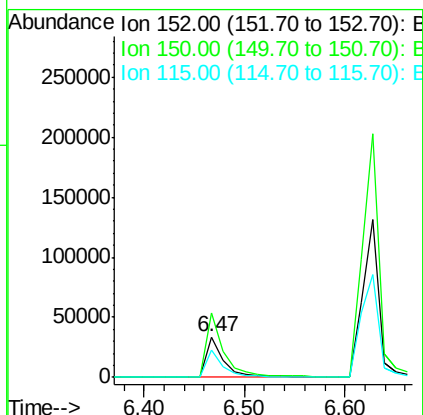
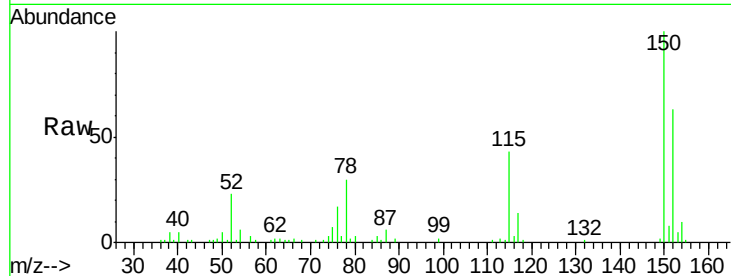


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.08 min
Lab File: BF089543.D
Acq: 2 Aug 2016 13:14

Instrument :
BNA_F
ClientSampleId :
PB92601BL

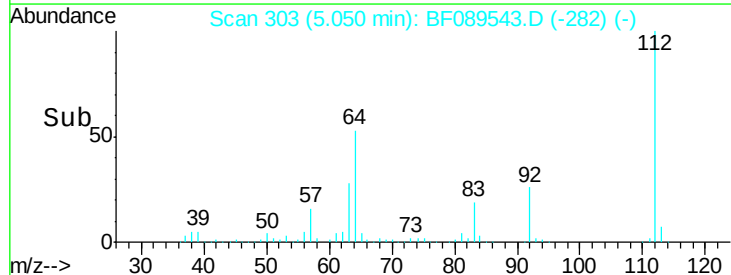
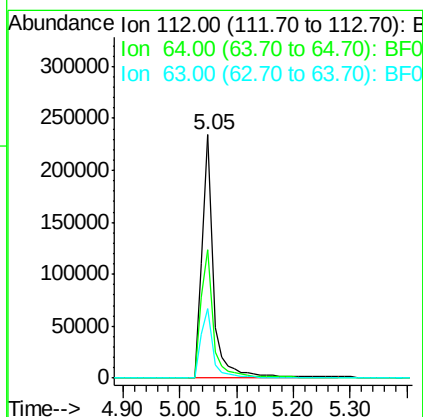
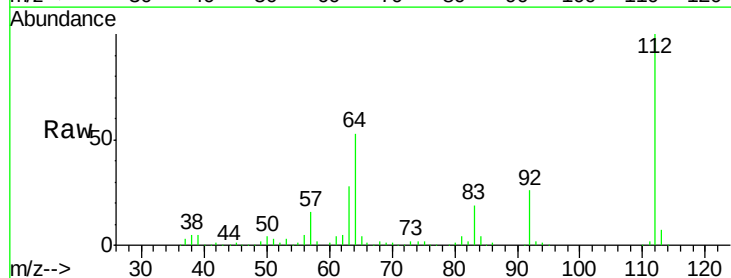
Tgt Ion:152 Resp: 43199
Ion Ratio Lower Upper
152 100
150 158.1 129.5 194.3
115 68.4 51.4 77.2

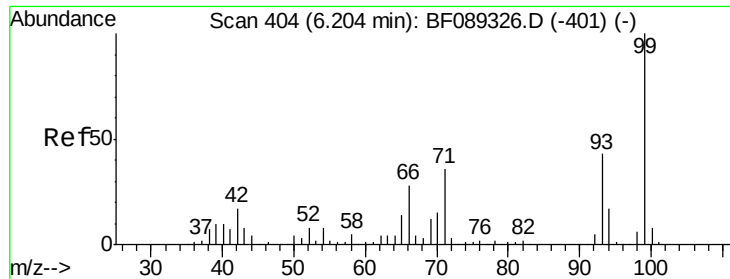


#5

2-Fluorophenol
Concen: 119.75 ng
RT: 5.05 min Scan# 303
Delta R.T. -0.06 min
Lab File: BF089543.D
Acq: 2 Aug 2016 13:14

Tgt Ion:112 Resp: 323981
Ion Ratio Lower Upper
112 100
64 52.9 55.0 82.6#
63 28.3 29.4 44.2#





#7

Phenol-d6

Concen: 123.26 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.07 min

Lab File: BF089543.D

Acq: 2 Aug 2016 13:14

Instrument :

BNA_F

ClientSampleID :

PB92601BL

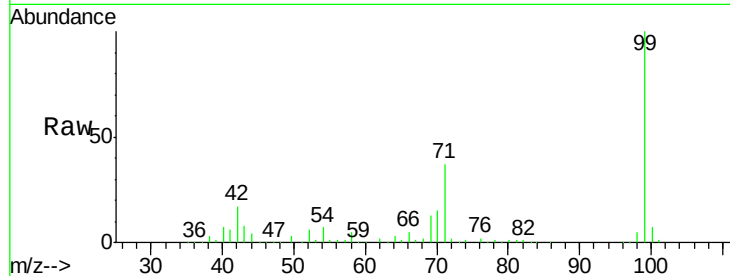
Tgt Ion: 99 Resp: 440719

Ion Ratio Lower Upper

99 100

42 17.1 13.6 20.4

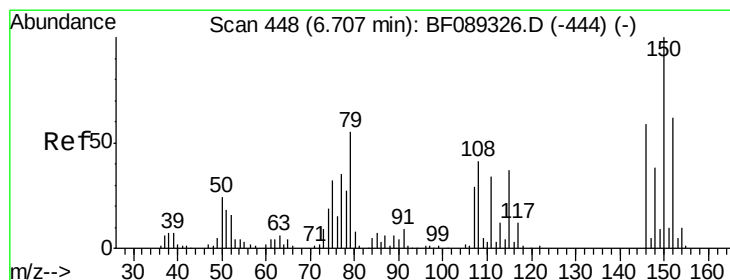
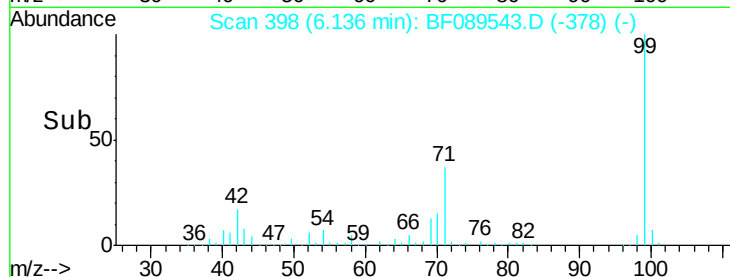
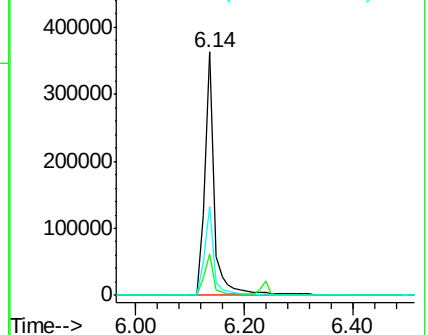
71 36.6 29.4 44.2



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



#15

Benzyl Alcohol

Concen: 2.04 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF089543.D

Acq: 2 Aug 2016 13:14

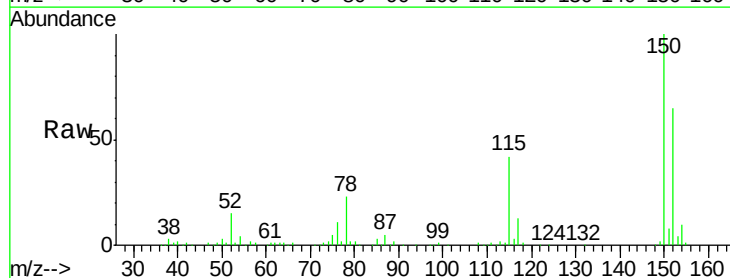
Tgt Ion: 79 Resp: 4524

Ion Ratio Lower Upper

79 100

108 31.1 59.8 89.6#

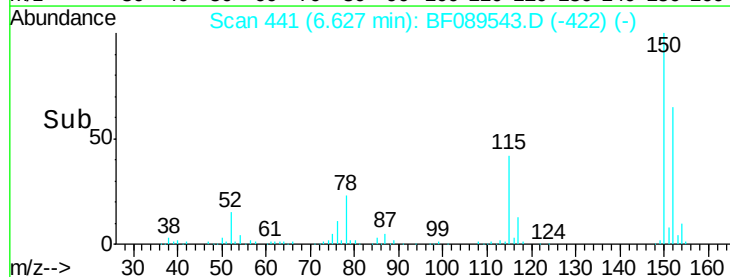
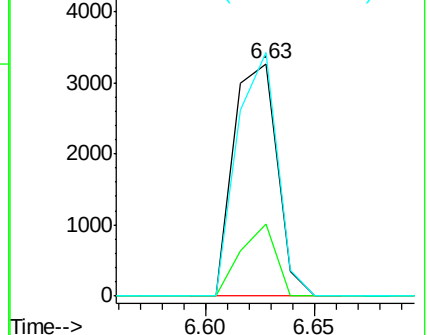
77 104.8 51.7 77.5#

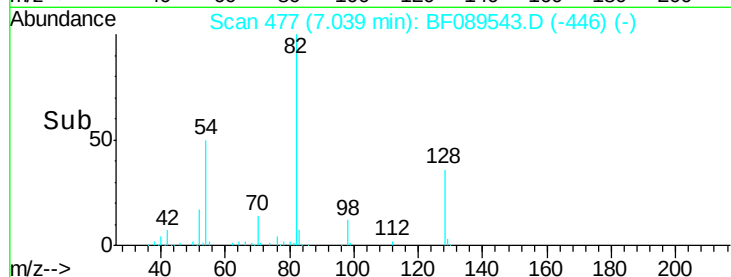
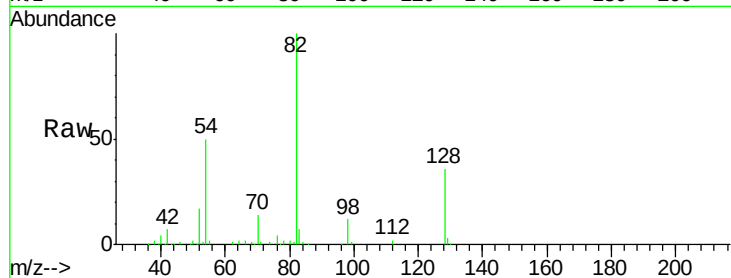
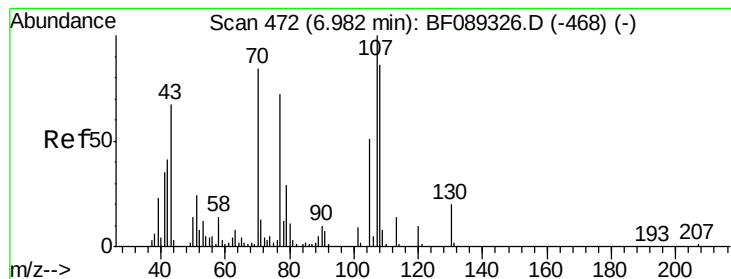


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 14.66 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.06 min

Lab File: BF089543.D

Acq: 2 Aug 2016 13:14

Instrument :

BNA_F

ClientSampleId :

PB92601BL

Tgt Ion: 70 Resp: 31607

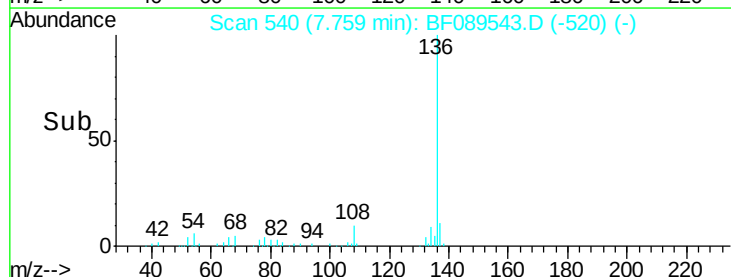
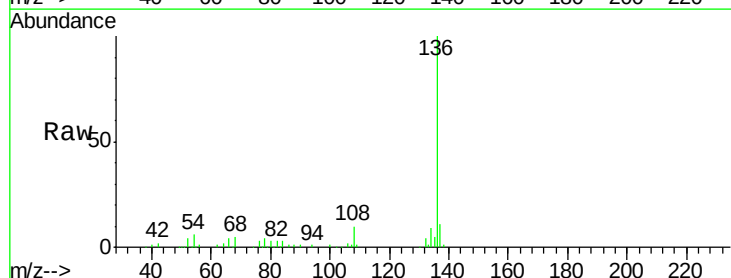
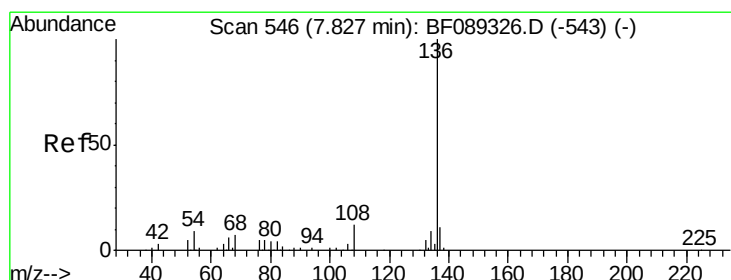
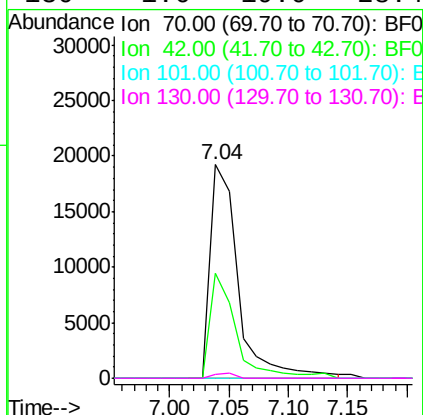
Ion Ratio Lower Upper

70 100

42 49.3 38.6 57.8

101 0.0 8.3 12.5#

130 1.6 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.07 min

Lab File: BF089543.D

Acq: 2 Aug 2016 13:14

Tgt Ion: 136 Resp: 174704

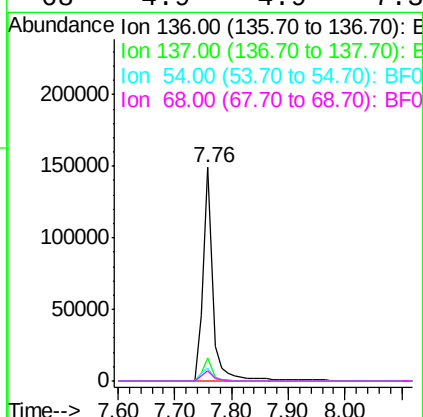
Ion Ratio Lower Upper

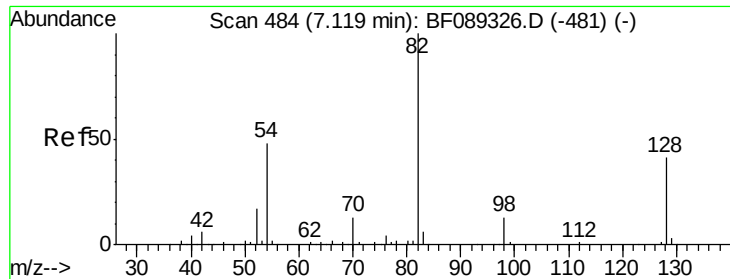
136 100

137 10.6 8.6 13.0

54 6.2 7.0 10.4#

68 4.9 4.9 7.3

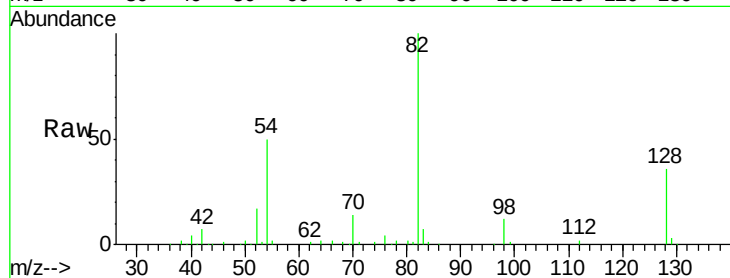




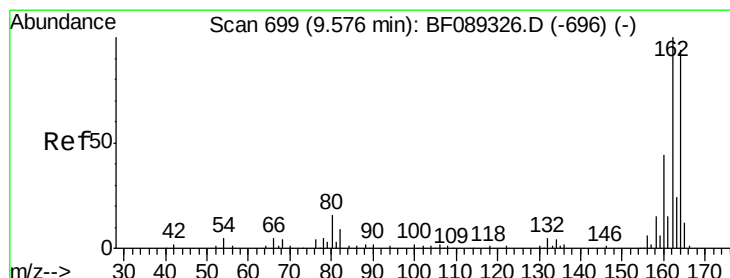
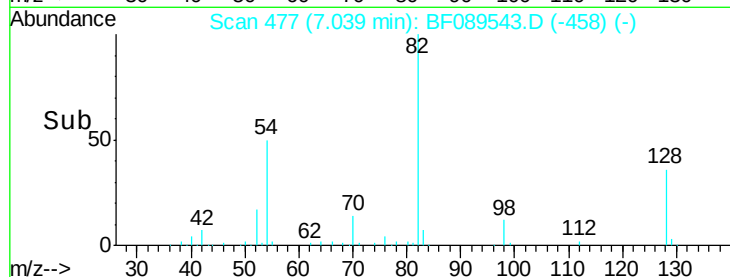
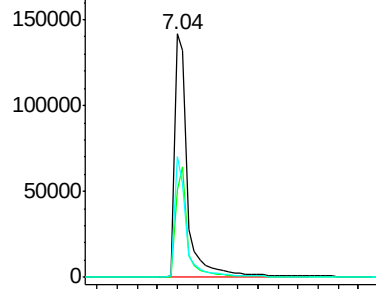
#23
 Nitrobenzene-d5
 Concen: 85.61 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.08 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BL

Tgt Ion: 82 Resp: 253379
 Ion Ratio Lower Upper
 82 100
 128 35.8 32.5 48.7
 54 49.5 38.8 58.2

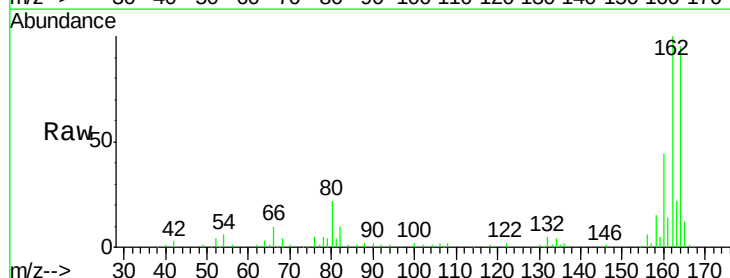


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

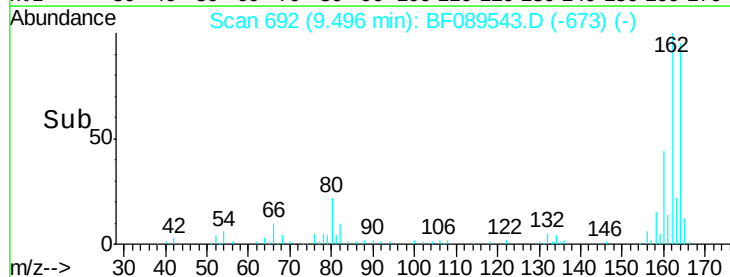
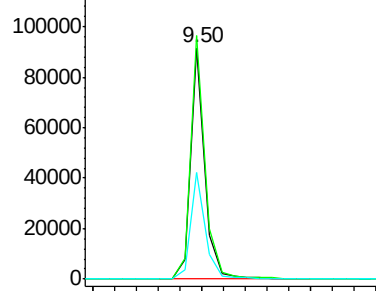


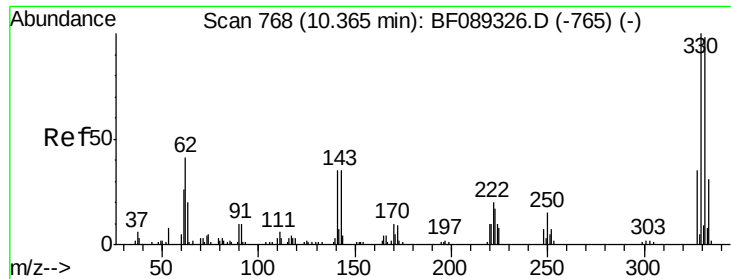
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.08 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Tgt Ion: 164 Resp: 83884
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.7 125.5
 160 46.1 37.8 56.6



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

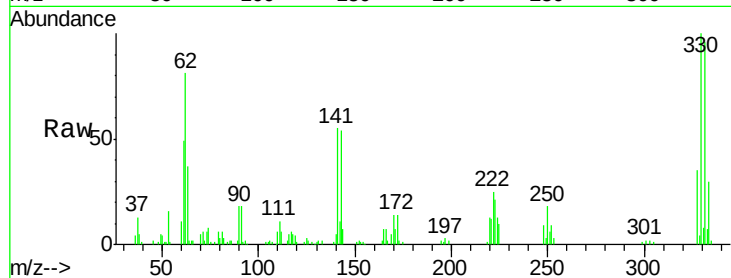




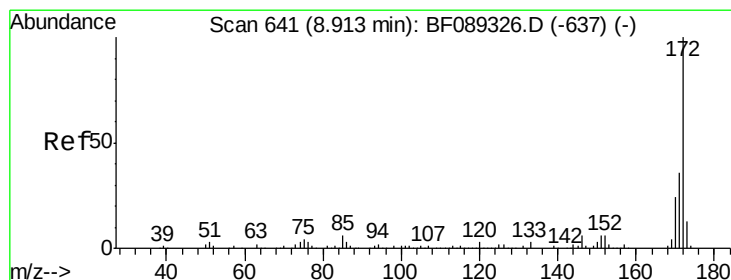
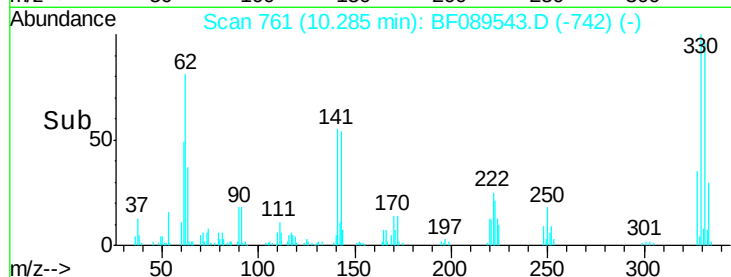
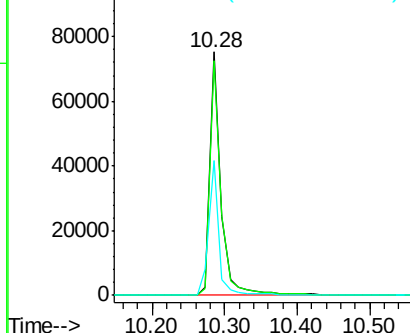
#41
 2,4,6-Tribromophenol
 Concen: 115.38 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.08 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	51.3	37.3	55.9

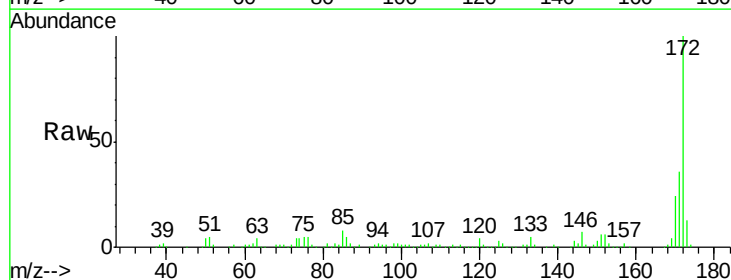


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

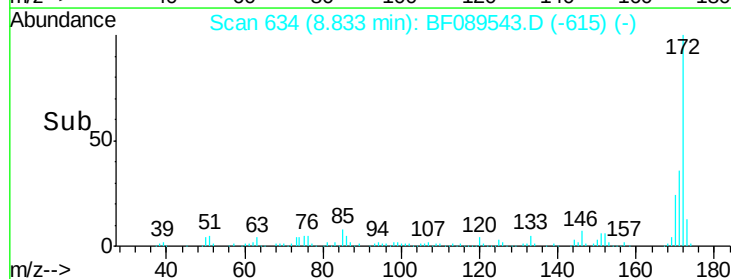
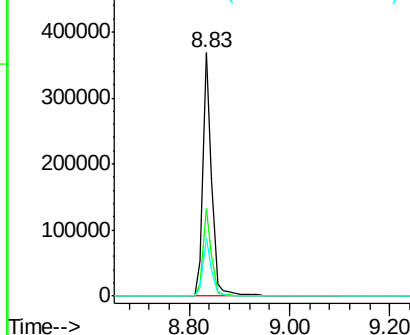


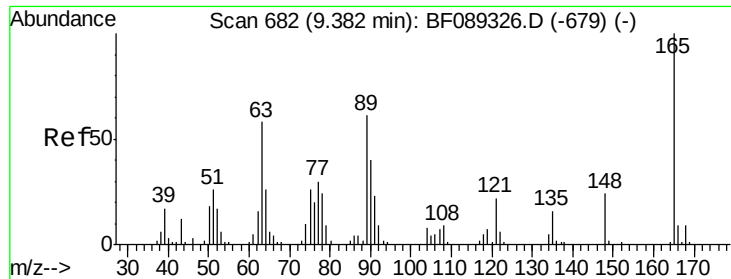
#44
 2-Fluorobiphenyl
 Concen: 78.78 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.08 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.2	43.8
170	23.7	19.2	28.8



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

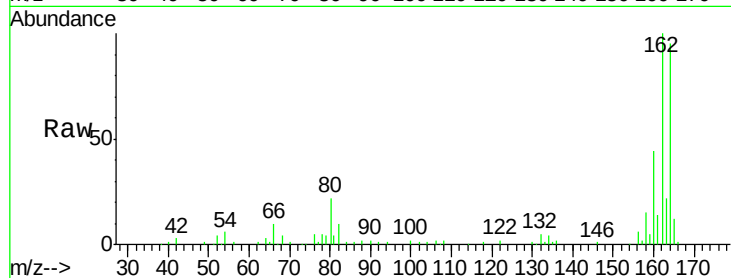




#50
 2,6-Dinitrotoluene
 Concen: 8.03 ng
 RT: 9.50 min Scan# 692
 Delta R.T. 0.11 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Instrument :
 BNA_F
 ClientSampleId :
 PB92601BL

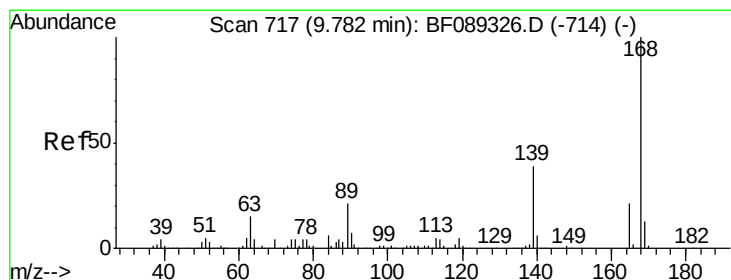
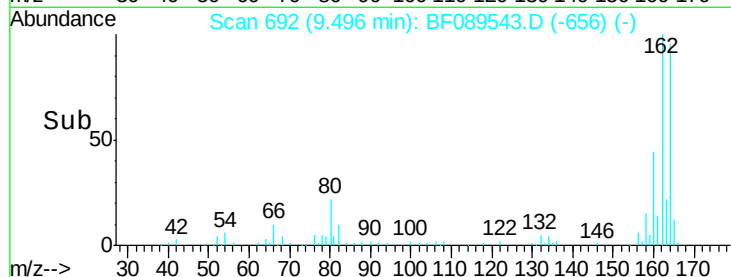
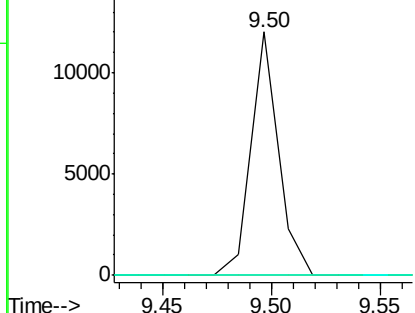
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.10 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.29 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

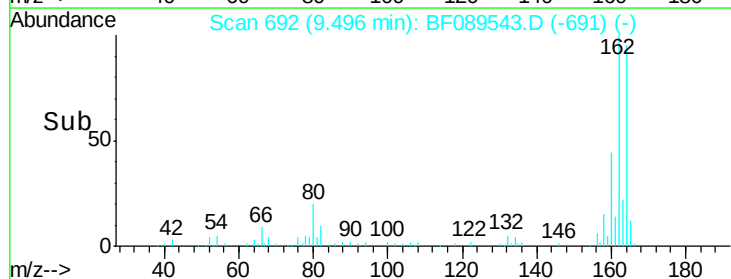
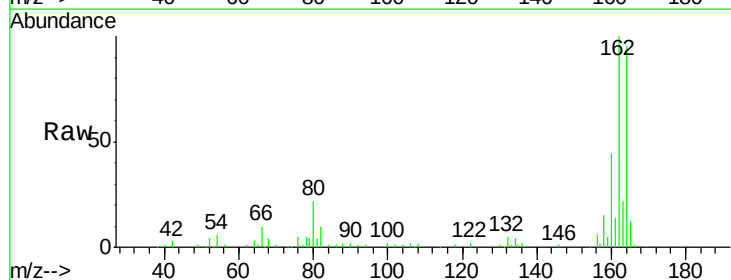
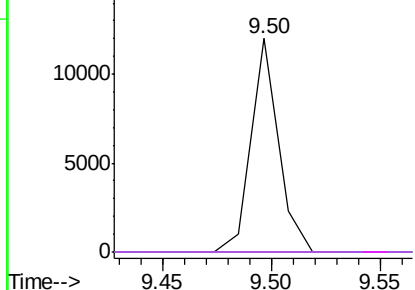
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

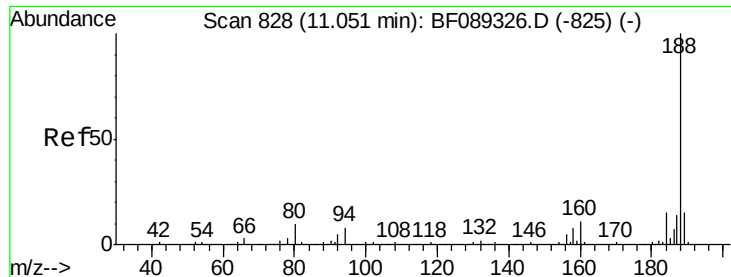
Abundance Ion 165.00 (164.70 to 165.70): E

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

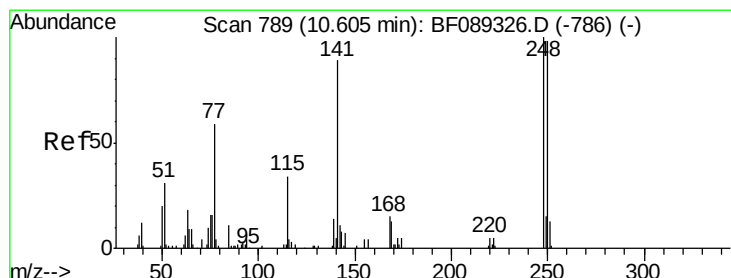
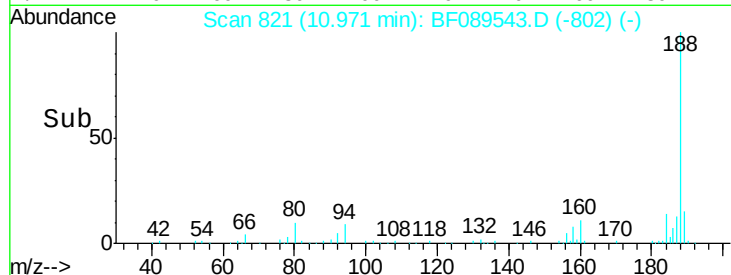
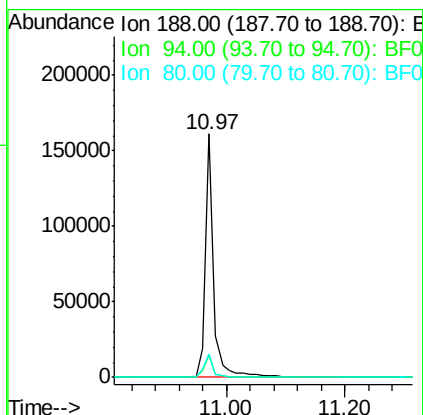
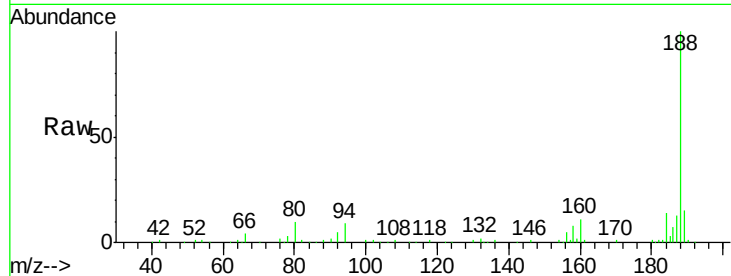




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.08 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

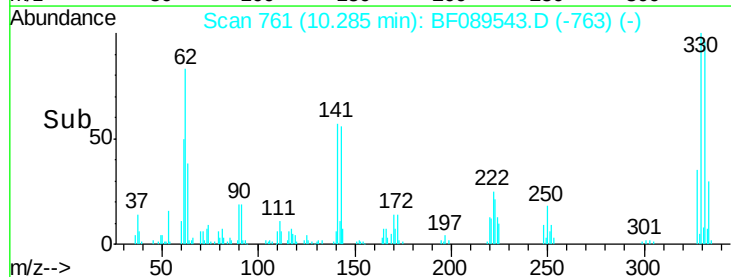
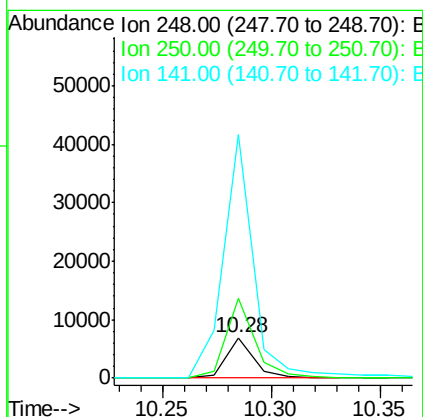
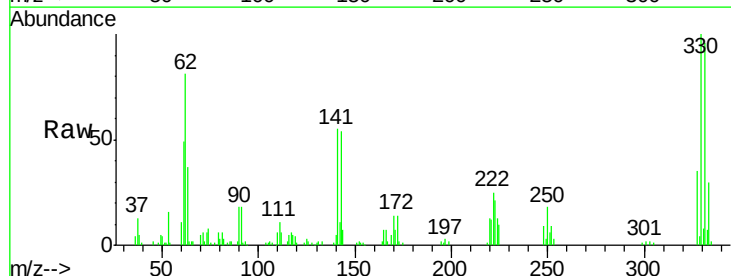
Instrument :
 BNA_F
 ClientSampleId :
 PB92601BL

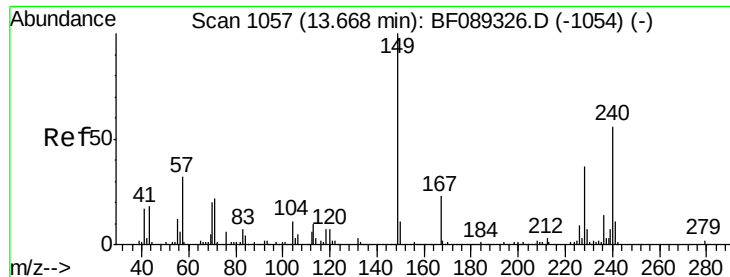
Tgt Ion:188 Resp: 161272
 Ion Ratio Lower Upper
 188 100
 94 9.1 6.5 9.7
 80 9.7 7.2 10.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.98 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.32 min
 Lab File: BF089543.D
 Acq: 2 Aug 2016 13:14

Tgt Ion:248 Resp: 6128
 Ion Ratio Lower Upper
 248 100
 250 199.6 78.2 117.2#
 141 604.9 62.0 93.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.08 min

Lab File: BF089543.D

Acq: 2 Aug 2016 13:14

Instrument :

BNA_F

ClientSampleId :

PB92601BL

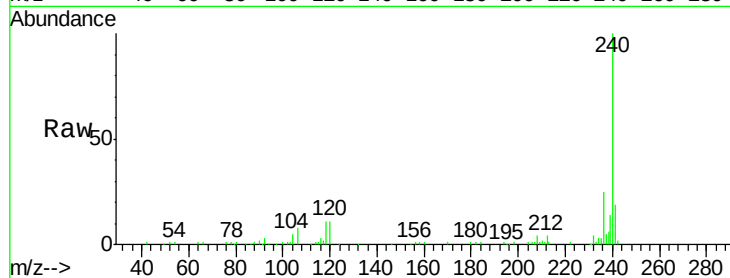
Tgt Ion:240 Resp: 113166

Ion Ratio Lower Upper

240 100

120 11.1 9.1 13.7

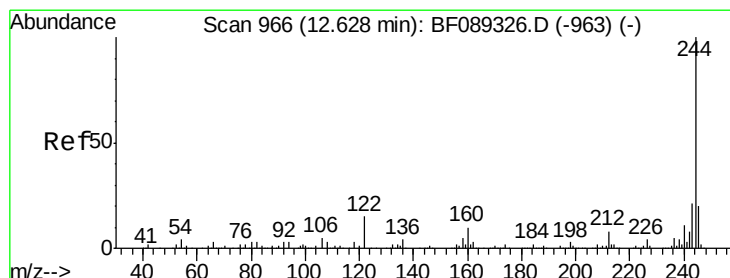
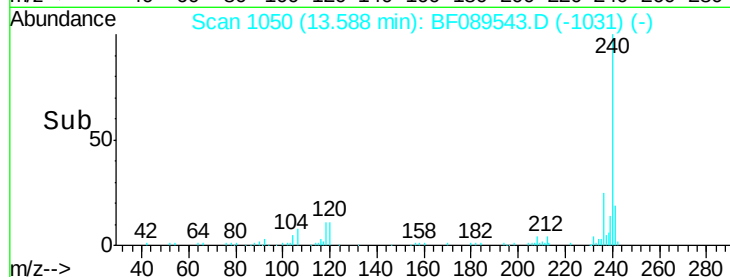
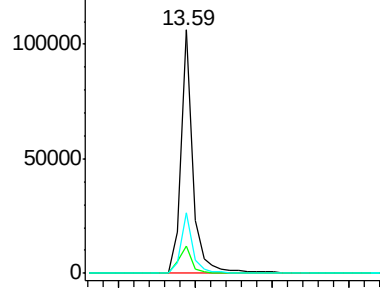
236 24.8 20.6 30.8



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: 90.07 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.07 min

Lab File: BF089543.D

Acq: 2 Aug 2016 13:14

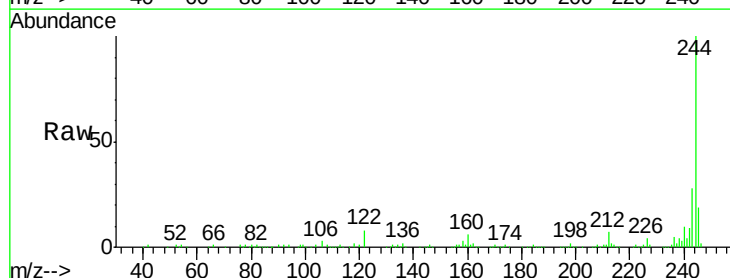
Tgt Ion:244 Resp: 435510

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

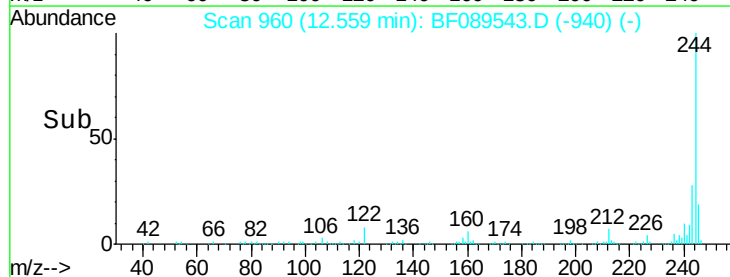
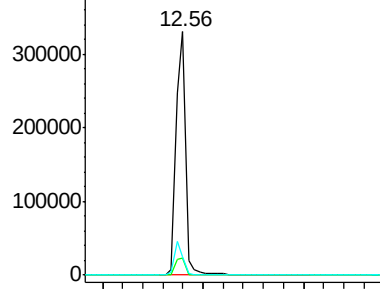
122 7.5 11.4 17.0#

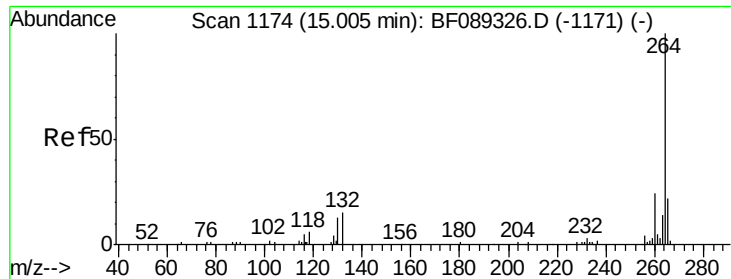


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

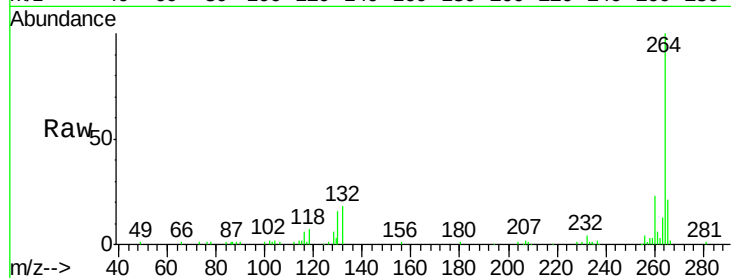




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.09 min
Lab File: BF089543.D
Acq: 2 Aug 2016 13:14

Instrument :
BNA_F
ClientSampleId :
PB92601BL

Tgt Ion: 264 Resp: 82317
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.5 17.5 26.3



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

