

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
 Data File : BF085944.D
 Acq On : 31 Mar 2016 23:12
 Operator : UM/SJ
 Sample : PB89327BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BL

Quant Time: Mar 31 23:33:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 30 12:31:18 2016
 Response via : Initial Calibration

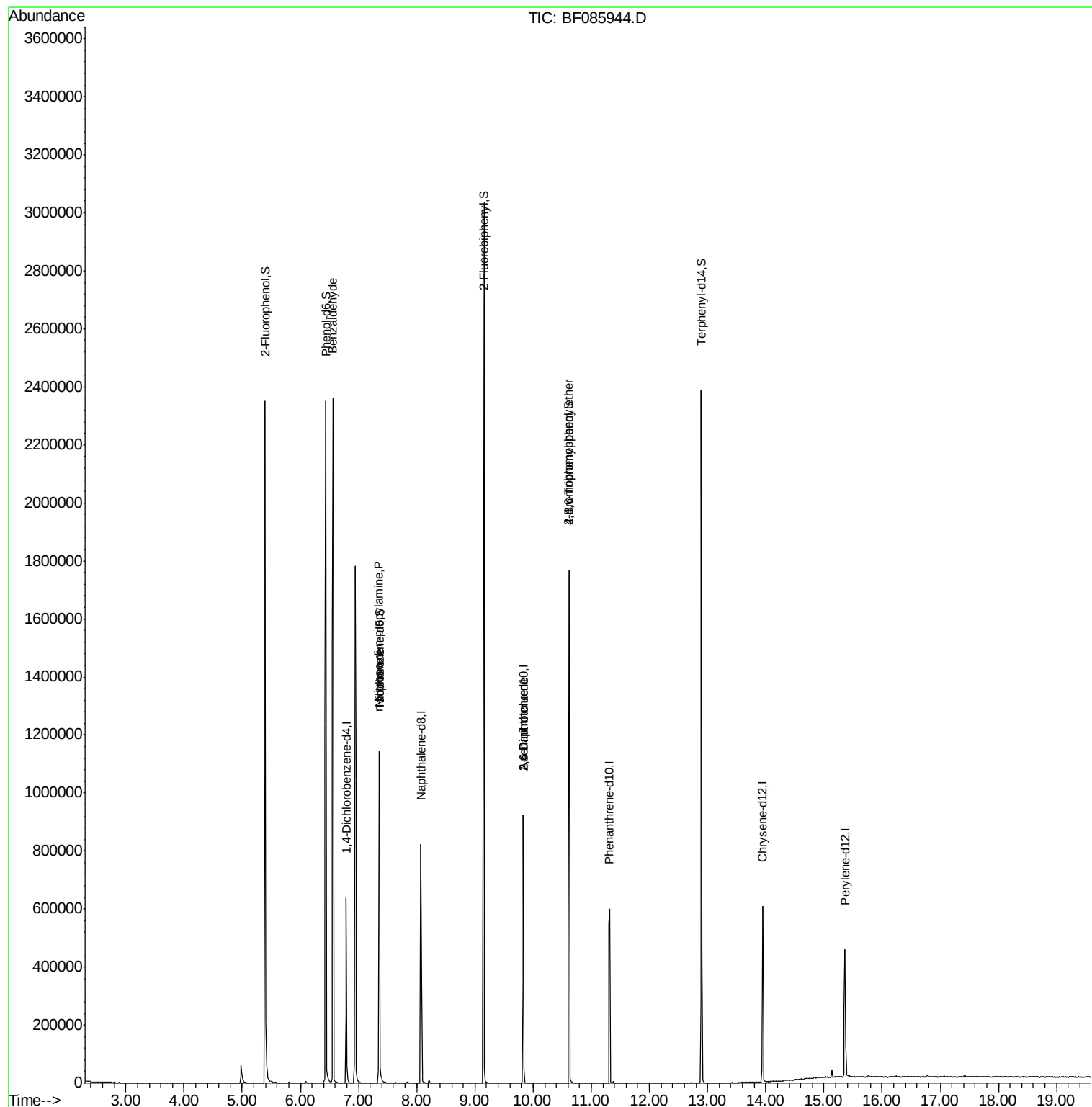
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111190	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	437532	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	198699	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	326729	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	203770	20.00	ng	-0.02
86) Perylene-d12	15.36	264	204733	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	809428	121.24	ng	0.00
7) Phenol-d6	6.44	99	1022967	120.51	ng	-0.01
23) Nitrobenzene-d5	7.36	82	602567	77.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	209329	110.88	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	1075587	90.44	ng	-0.01
78) Terphenyl-d14	12.89	244	703357	70.99	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	17894	3.50	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.35	70	76627	15.08	ng	# 80
25) Isophorone	7.36	82	592672	39.60	ng	# 68
50) 2,6-Dinitrotoluene	9.83	165	24645	7.60	ng	# 18
56) 2,4-Dinitrotoluene	9.83	165	24645	5.98	ng	# 36
66) 4-Bromophenyl-phenylether	10.62	248	14718	4.40	ng	# 1

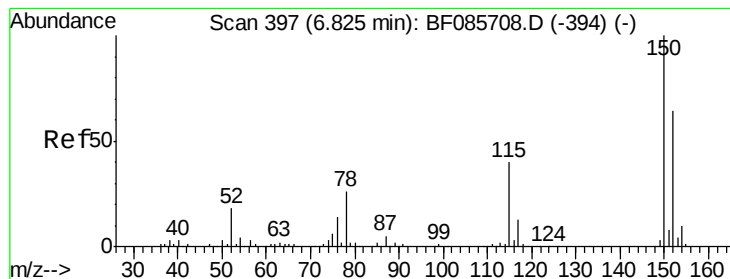
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF085944.D

Acq: 31 Mar 2016 23:12

Instrument :

BNA_F

ClientSampleId :

PB89327BL

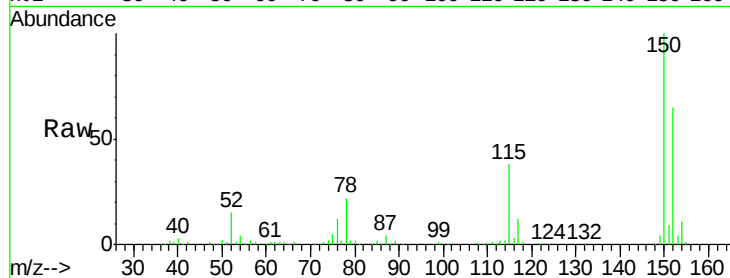
Tgt Ion:152 Resp: 111190

Ion Ratio Lower Upper

152 100

150 153.5 124.2 186.2

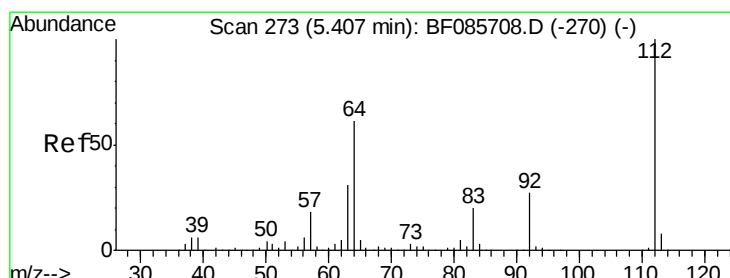
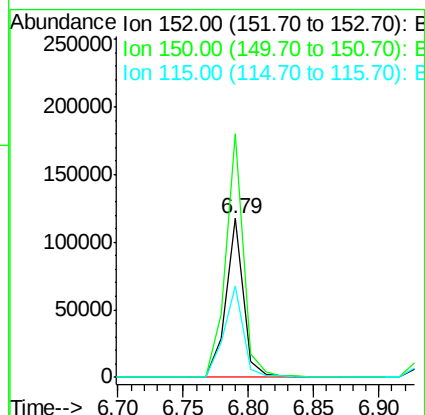
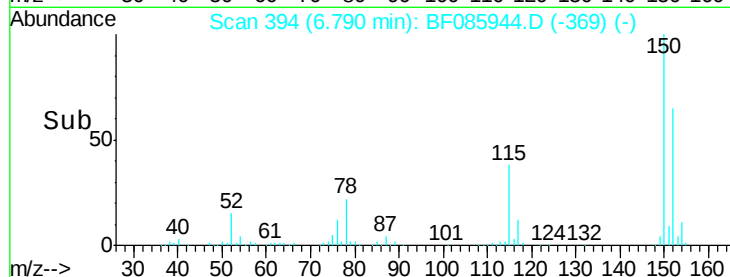
115 57.6 47.0 70.6



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: 121.24 ng

RT: 5.40 min Scan# 272

Delta R.T. -0.00 min

Lab File: BF085944.D

Acq: 31 Mar 2016 23:12

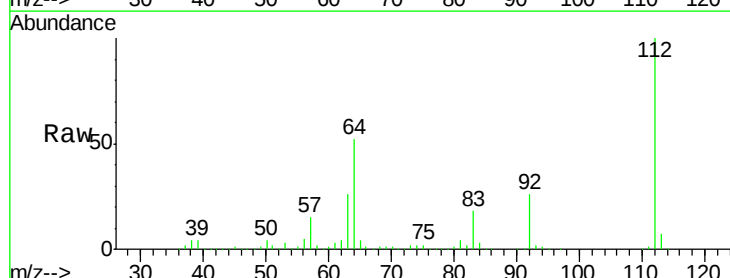
Tgt Ion:112 Resp: 809428

Ion Ratio Lower Upper

112 100

64 51.6 39.9 59.9

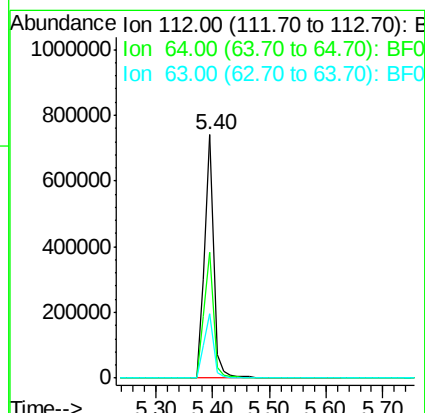
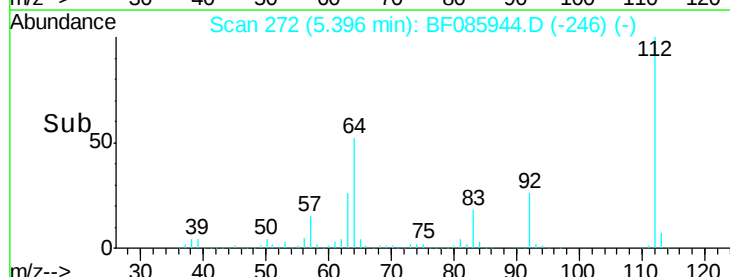
63 26.3 20.2 30.2



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: 120.51 ng

RT: 6.44 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF085944.D

Acq: 31 Mar 2016 23:12

Instrument :

BNA_F

ClientSampleId :

PB89327BL

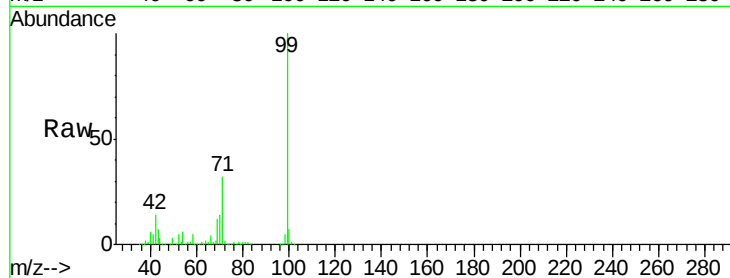
Tgt Ion: 99 Resp: 1022967

Ion Ratio Lower Upper

99 100

42 14.1 11.1 16.7

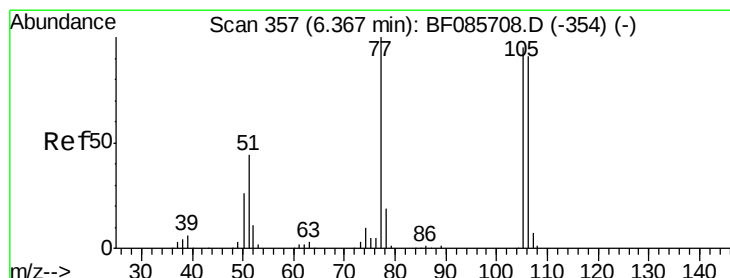
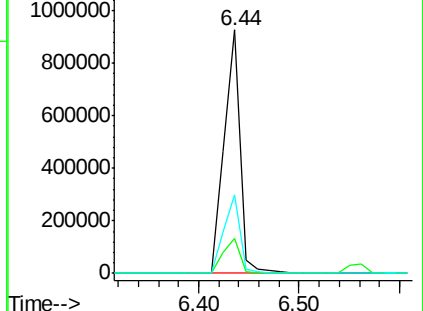
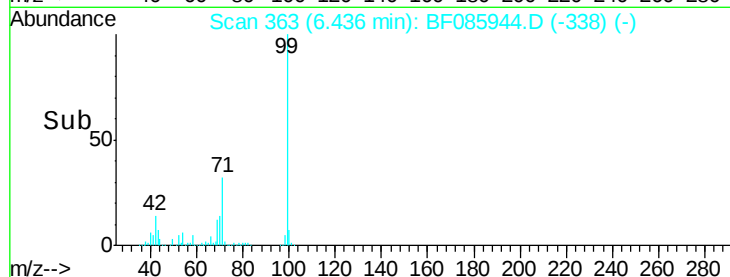
71 32.1 24.9 37.3



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



#9

Benzaldehyde

Concen: 3.50 ng

RT: 6.56 min Scan# 374

Delta R.T. 0.22 min

Lab File: BF085944.D

Acq: 31 Mar 2016 23:12

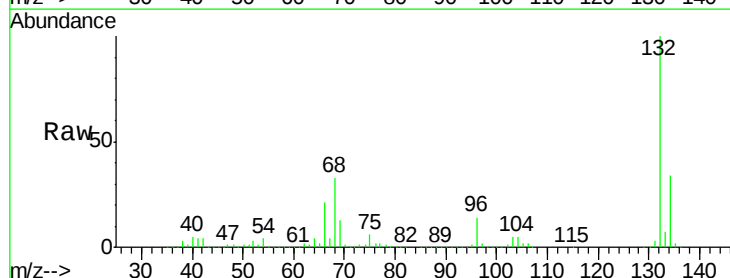
Tgt Ion: 77 Resp: 17894

Ion Ratio Lower Upper

77 100

105 89.8 80.1 120.1

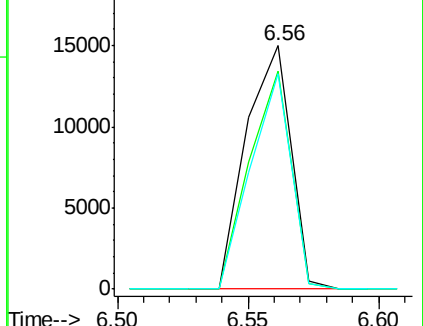
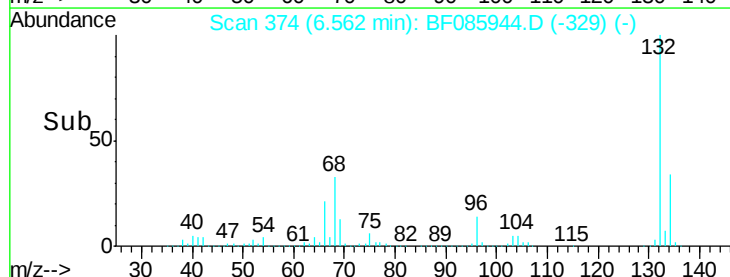
106 88.5 75.0 115.0

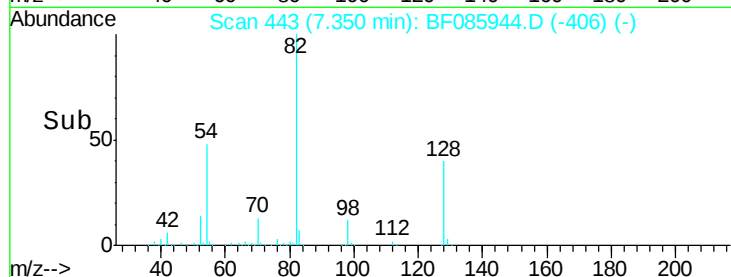
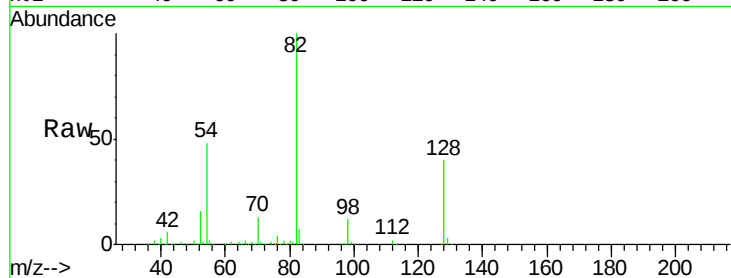
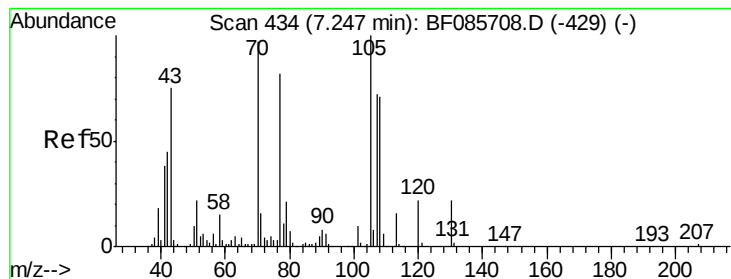


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 15.08 ng

RT: 7.35 min Scan# 443

Delta R.T. 0.13 min

Lab File: BF085944.D

Acq: 31 Mar 2016 23:12

Instrument :

BNA_F

ClientSampleId :

PB89327BL

Tgt Ion: 70 Resp: 76627

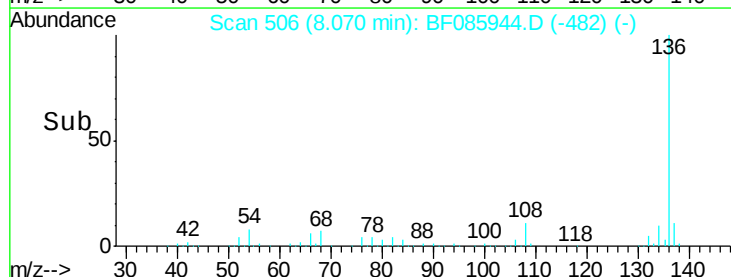
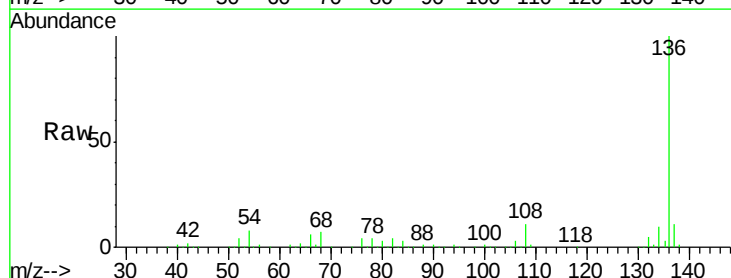
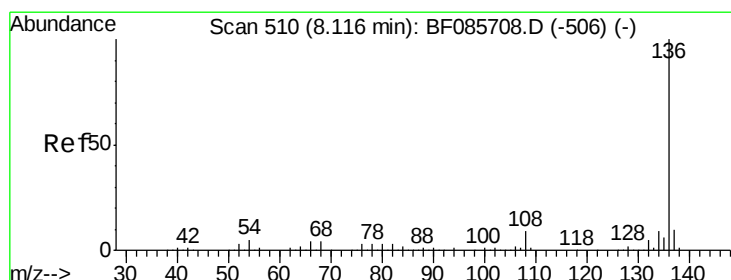
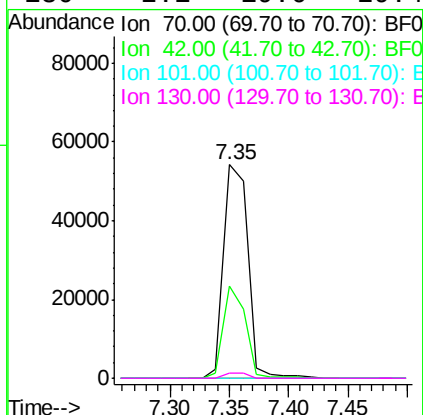
Ion Ratio Lower Upper

70 100

42 43.3 37.1 55.7

101 0.0 8.6 12.8#

130 2.1 19.6 29.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF085944.D

Acq: 31 Mar 2016 23:12

Tgt Ion: 136 Resp: 437532

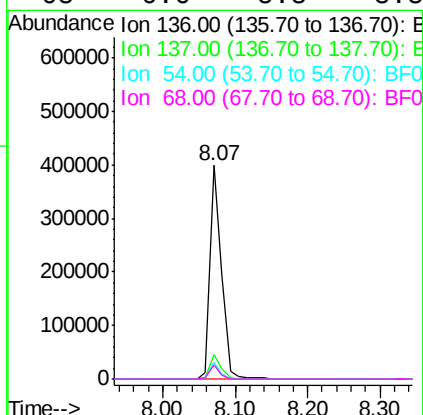
Ion Ratio Lower Upper

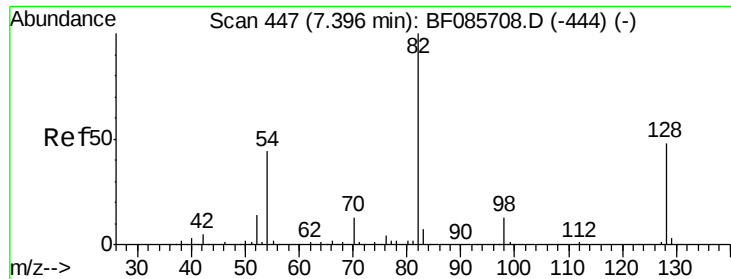
136 100

137 11.4 9.1 13.7

54 8.1 7.4 11.0

68 6.6 5.8 8.8

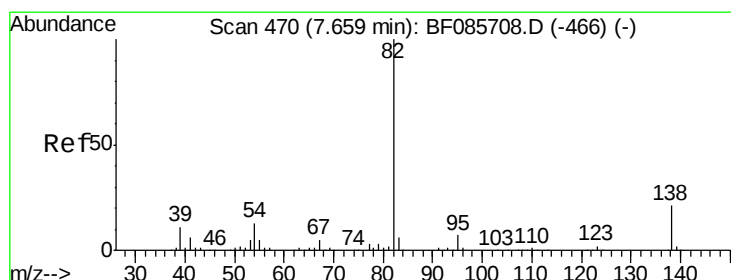
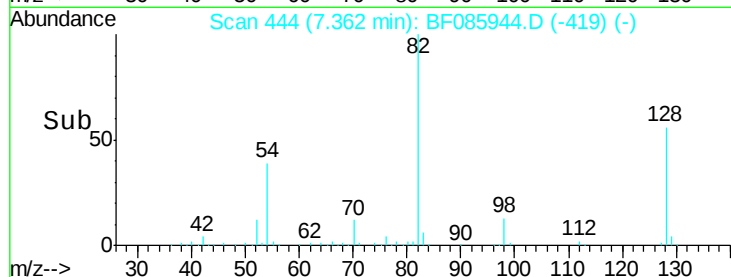
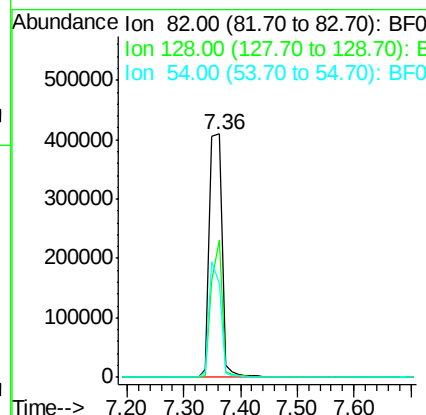
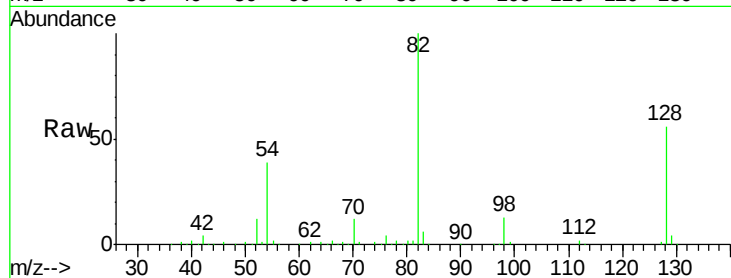




#23
 Nitrobenzene-d5
 Concen: 77.55 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.01 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

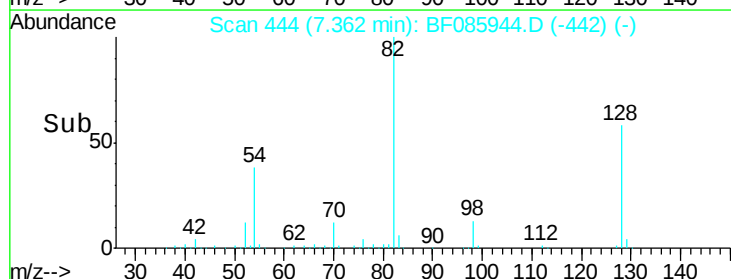
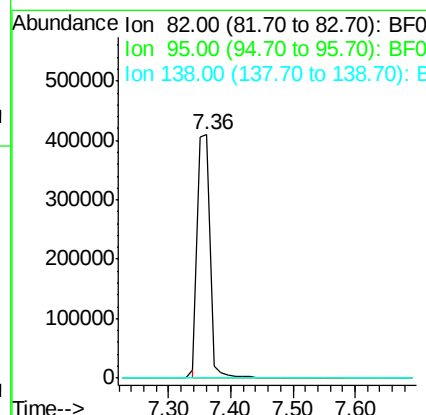
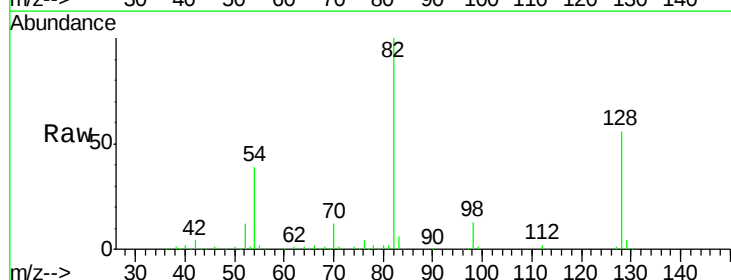
Instrument :
 BNA_F
 ClientSampleId :
 PB89327BL

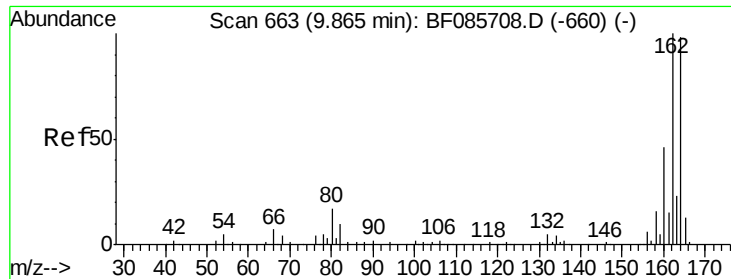
Tgt Ion	Ratio	Lower	Upper
82	100		
128	56.3	41.8	62.8
54	38.8	33.4	50.0



#25
 Isophorone
 Concen: 39.60 ng
 RT: 7.36 min Scan# 444
 Delta R.T. -0.27 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	12.9	19.3#

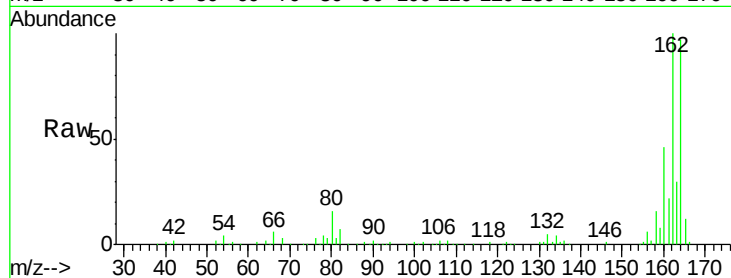




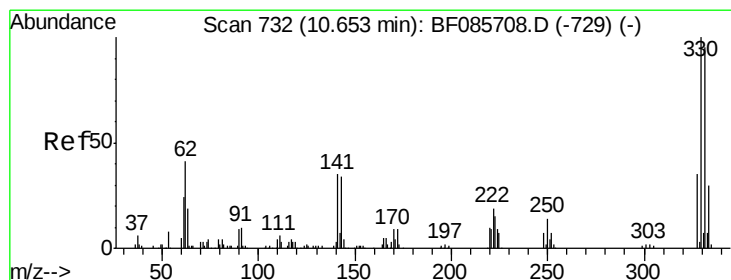
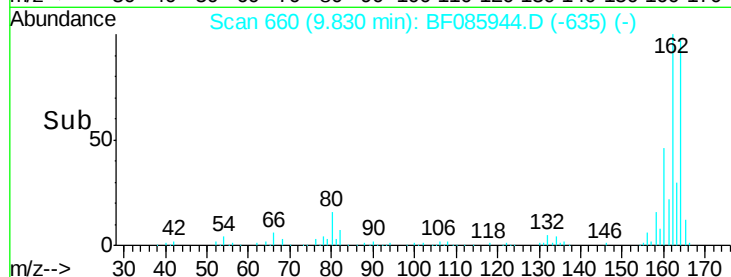
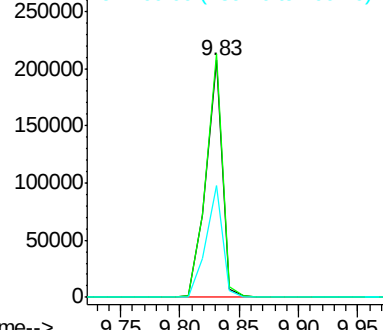
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BL

Tgt Ion:164 Resp: 198699
 Ion Ratio Lower Upper
 164 100
 162 102.7 82.1 123.1
 160 47.2 37.4 56.2

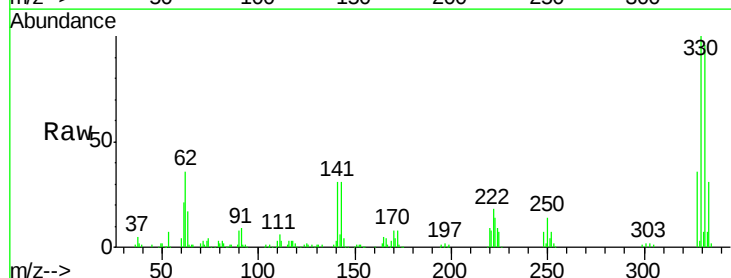


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

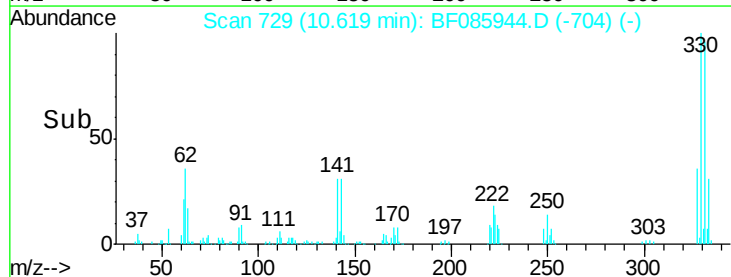
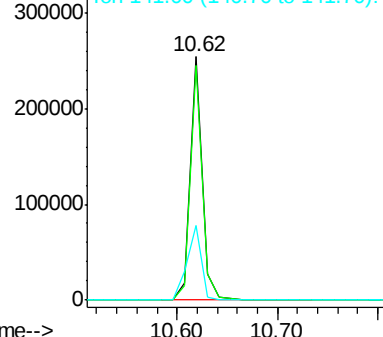


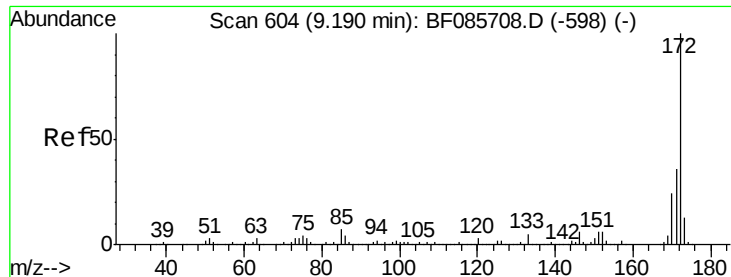
#41
 2,4,6-Tribromophenol
 Concen: 110.88 ng
 RT: 10.62 min Scan# 729
 Delta R.T. -0.01 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

Tgt Ion:330 Resp: 209329
 Ion Ratio Lower Upper
 330 100
 332 96.4 78.2 117.2
 141 37.4 31.5 47.3



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

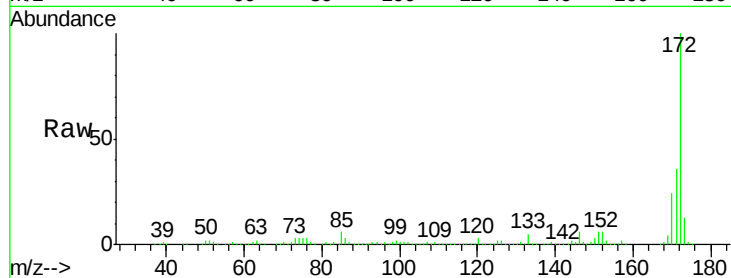




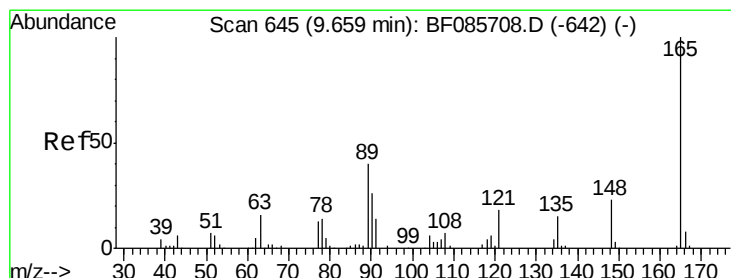
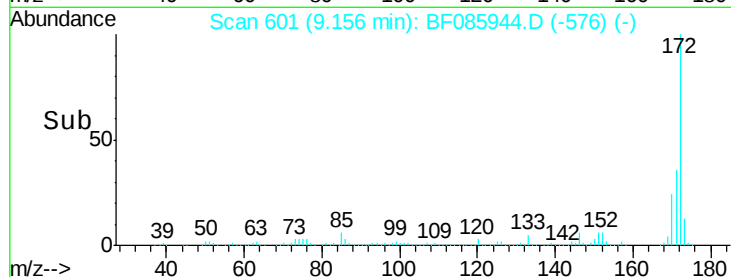
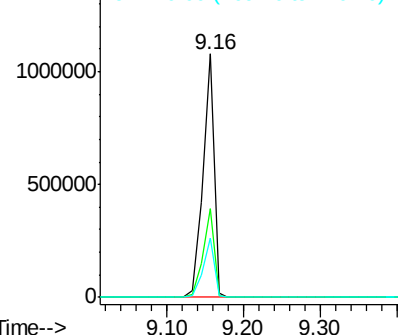
#44
2-Fluorobiphenyl
Concen: 90.44 ng
RT: 9.16 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF085944.D
Acq: 31 Mar 2016 23:12

Instrument :
BNA_F
ClientSampleId :
PB89327BL

Tgt Ion:172 Resp: 1075587
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.2
170 24.3 19.8 29.6

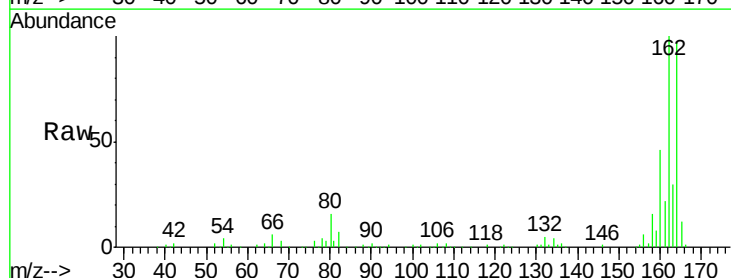


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

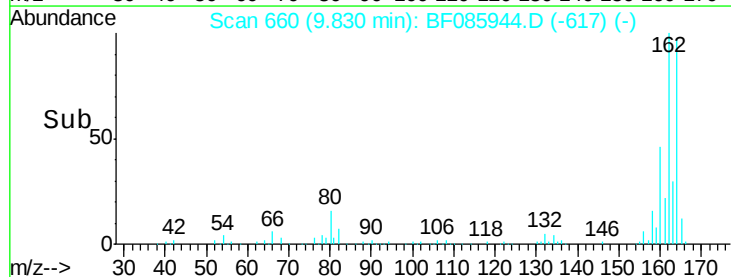
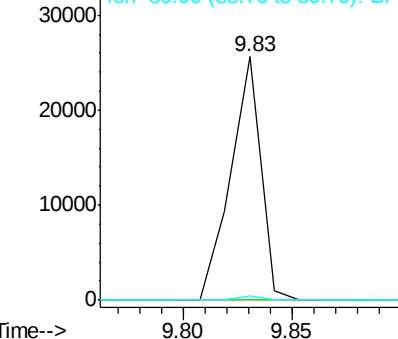


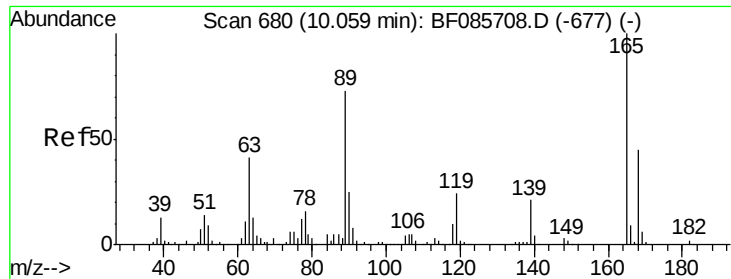
#50
2,6-Dinitrotoluene
Concen: 7.60 ng
RT: 9.83 min Scan# 660
Delta R.T. 0.19 min
Lab File: BF085944.D
Acq: 31 Mar 2016 23:12

Tgt Ion:165 Resp: 24645
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.8#
89 1.8 53.7 80.5#



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

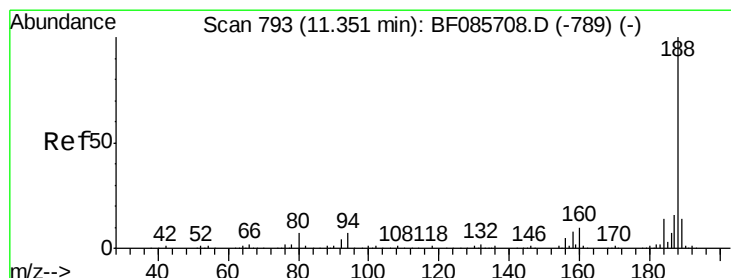
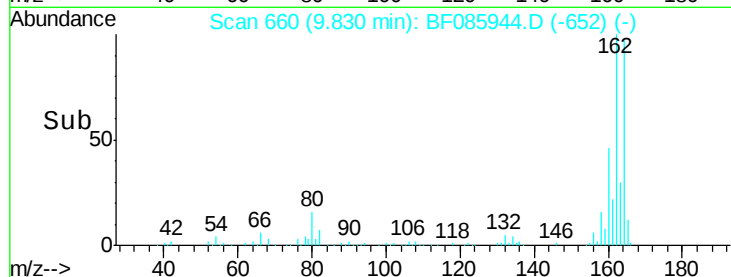
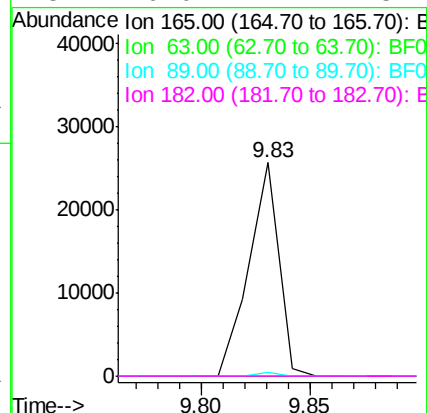
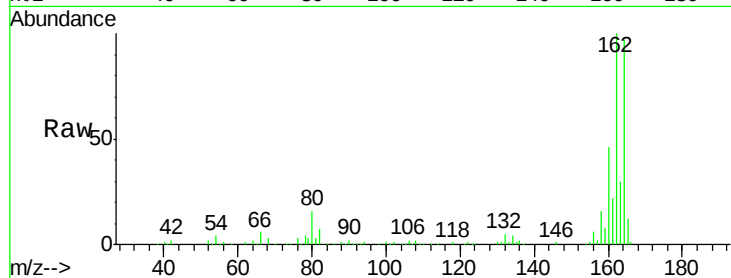




#56
 2,4-Dinitrotoluene
 Concen: 5.98 ng
 RT: 9.83 min Scan# 660
 Delta R.T. -0.21 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

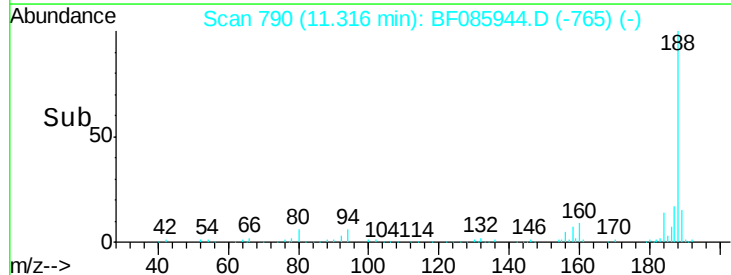
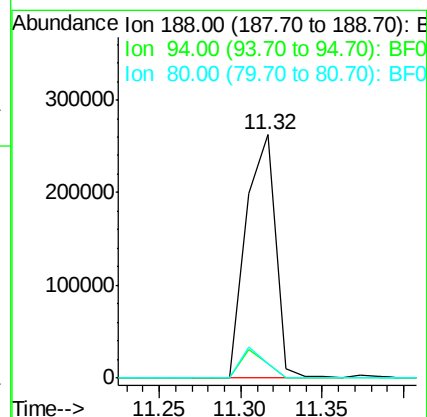
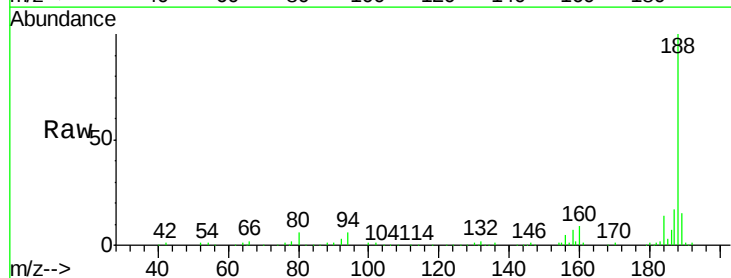
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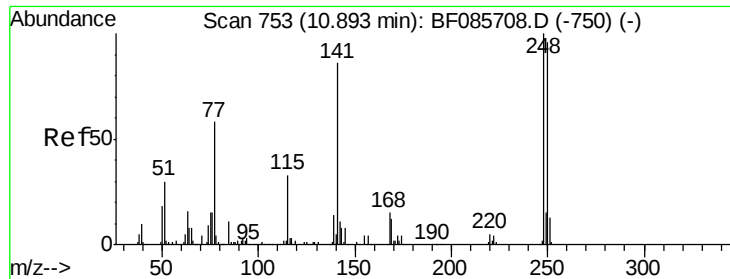
Tgt Ion:	165	Resp:	24645
Ion Ratio	Lower	Upper	
165	100		
63	0.0	24.9	37.3#
89	1.8	41.0	61.6#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

Tgt Ion:	188	Resp:	326729
Ion Ratio	Lower	Upper	
188	100		
94	6.1	5.4	8.0
80	6.0	5.5	8.3





#66

4-Bromophenyl-phenylether

Concen: 4.40 ng

RT: 10.62 min Scan# 729

Delta R.T. -0.25 min

Lab File: BF085944.D

Acq: 31 Mar 2016 23:12

Instrument :

BNA_F

ClientSampleId :

PB89327BL

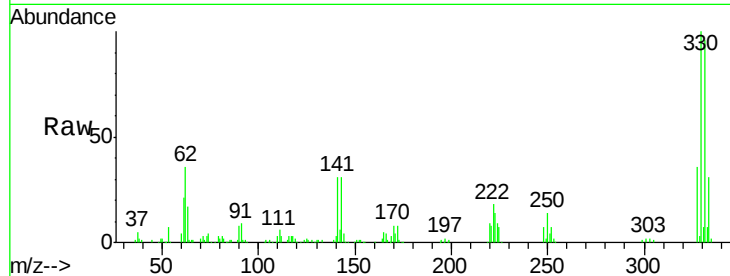
Tgt Ion:248 Resp: 14718

Ion Ratio Lower Upper

248 100

250 198.0 77.4 116.0#

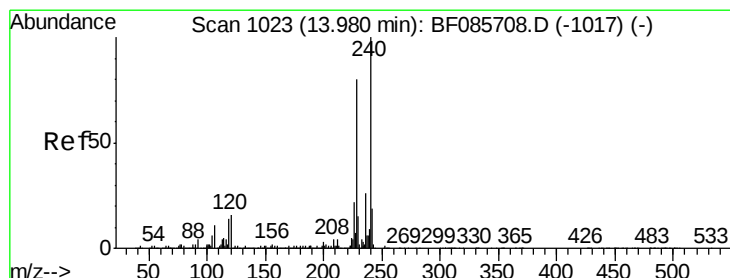
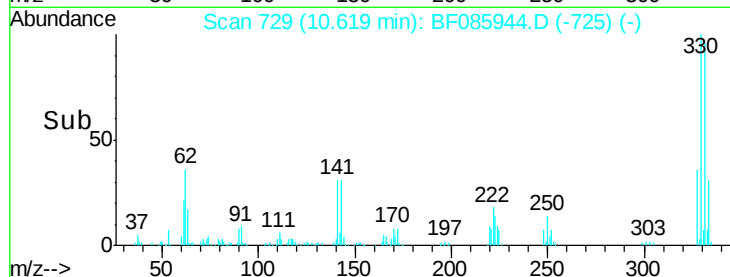
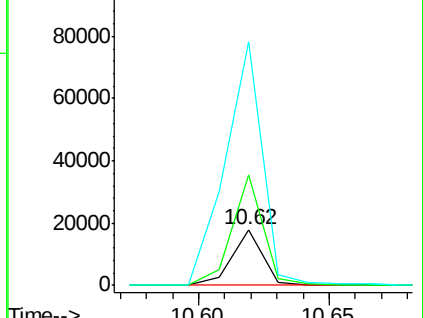
141 438.2 63.6 95.4#



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: 13.95 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BF085944.D

Acq: 31 Mar 2016 23:12

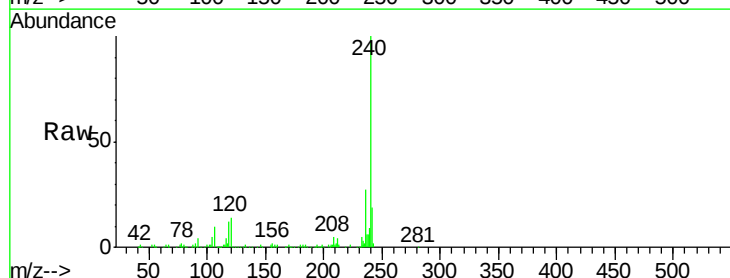
Tgt Ion:240 Resp: 203770

Ion Ratio Lower Upper

240 100

120 14.4 13.8 20.8

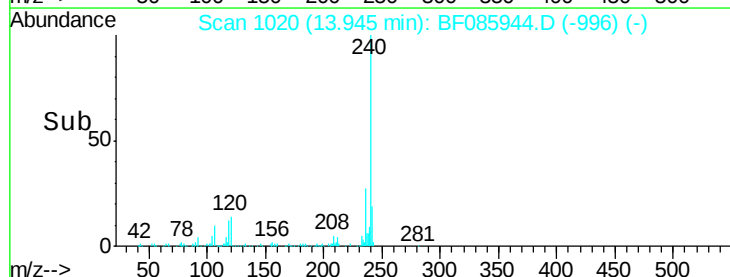
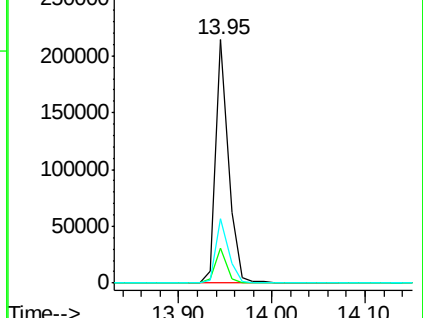
236 26.6 20.6 30.8

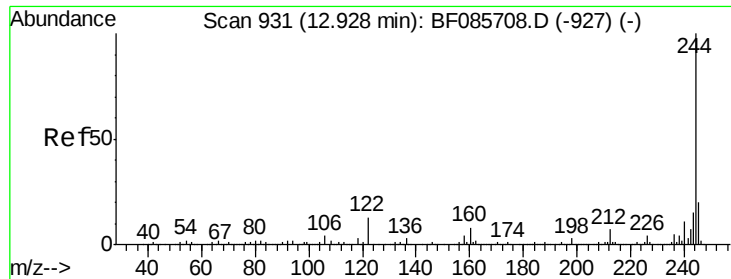


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

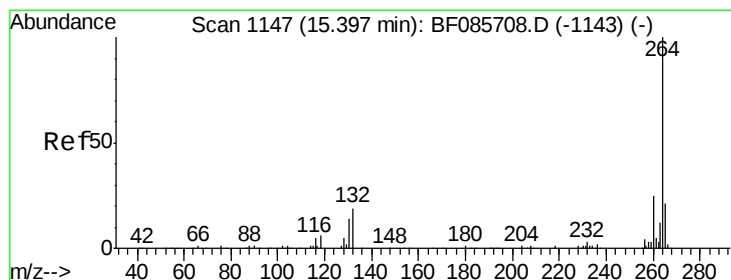
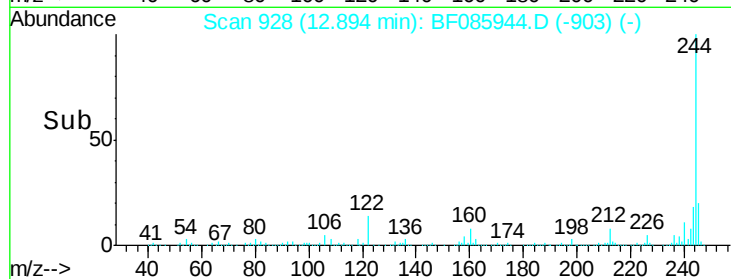
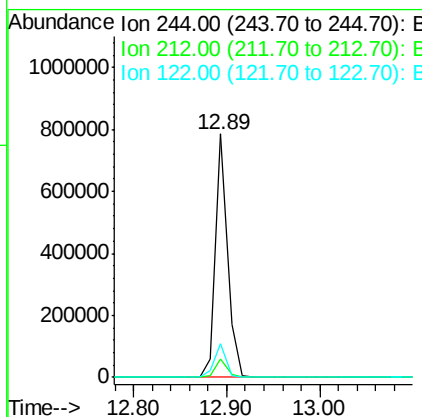
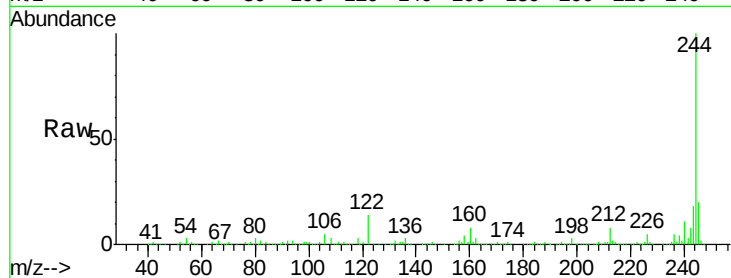




#78
 Terphenyl-d14
 Concen: 70.99 ng
 RT: 12.89 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

Instrument :
 BNA_F
 ClientSampleId :
 PB89327BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	13.9	10.2	15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF085944.D
 Acq: 31 Mar 2016 23:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.1	17.2	25.8

