

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083743.D
 Acq On : 13 Dec 2015 21:44
 Operator : UM/IZ
 Sample : G4648-25
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Quant Time: Dec 14 04:26:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

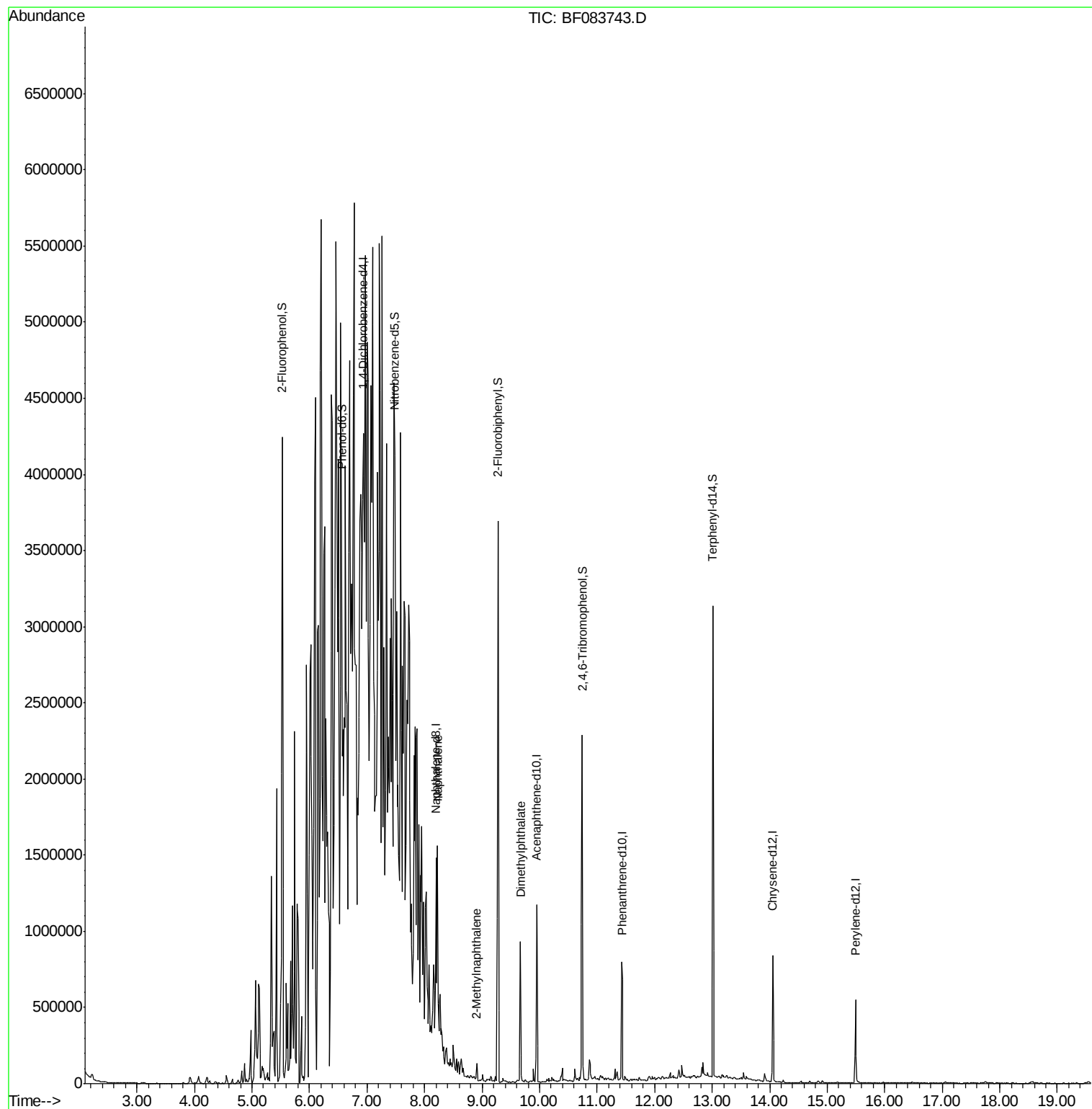
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	84528	20.00	ng	0.01
21) Naphthalene-d8	8.20	136	430001	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	222397	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	398502	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	279489	20.00	ng	-0.02
86) Perylene-d12	15.49	264	234063	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	721647	137.73	ng	0.00
7) Phenol-d6	6.56	99	934683	140.86	ng	0.01
23) Nitrobenzene-d5	7.48	82	622093	80.94	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	294167	129.81	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1177621	74.84	ng	-0.01
78) Terphenyl-d14	13.01	244	1015613	78.17	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.22	128	445873	19.89	ng	98
37) 2-Methylnaphthalene	8.91	142	28219	2.01	ng	98
49) Dimethylphthalate	9.66	163	363892	20.99	ng	99

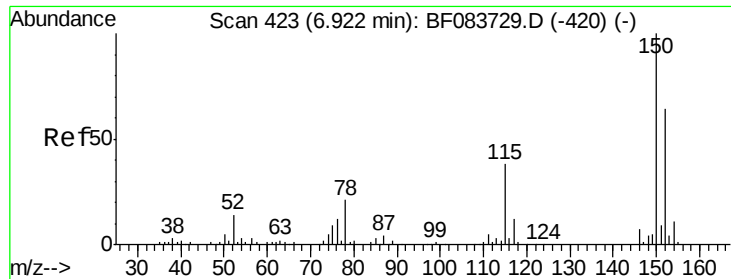
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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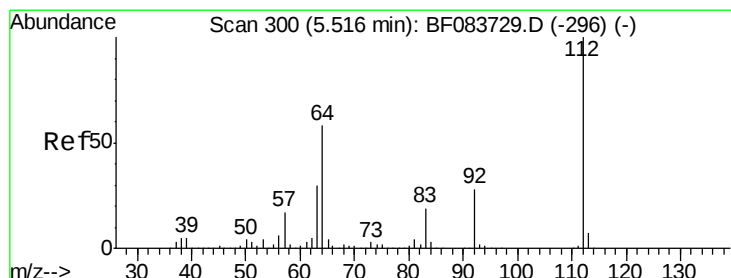
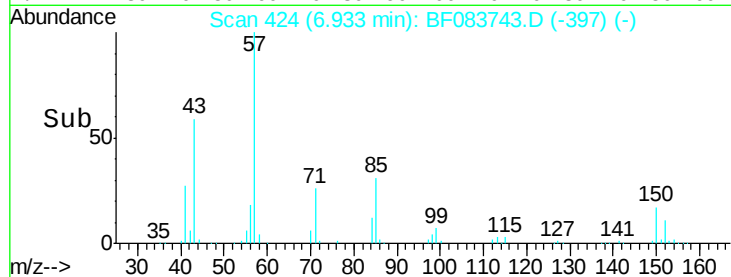
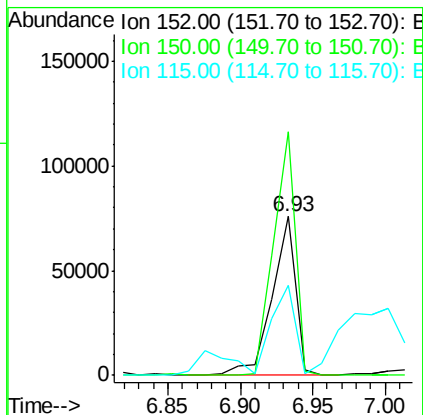
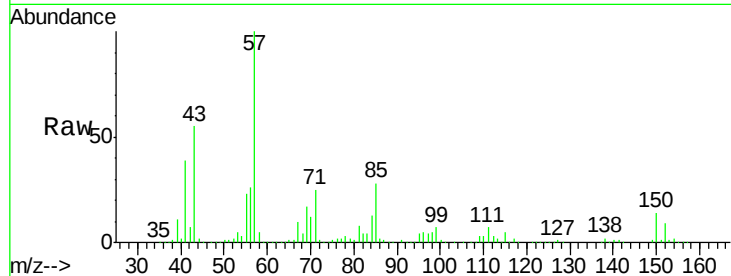


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. 0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
DUP-X

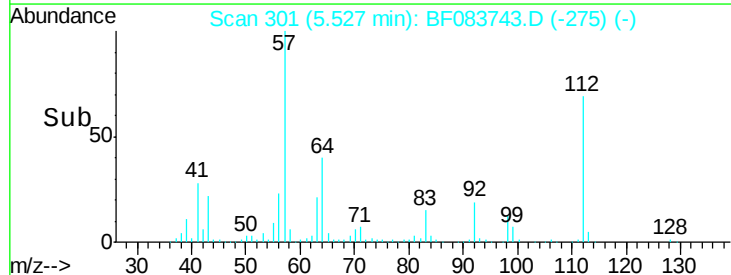
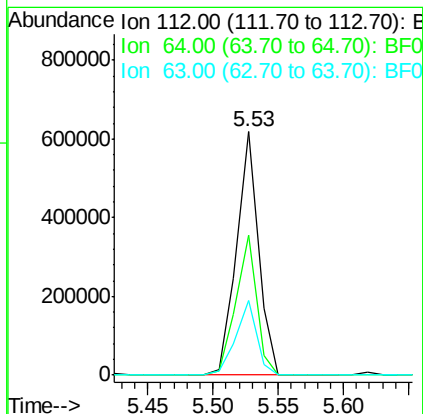
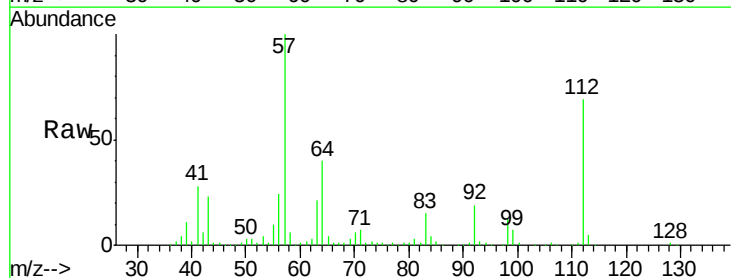
Tot Ion:152 Resp: 84528
Ion Ratio Lower Upper
152 100
150 153.1 126.5 189.7
115 56.6 52.3 78.5

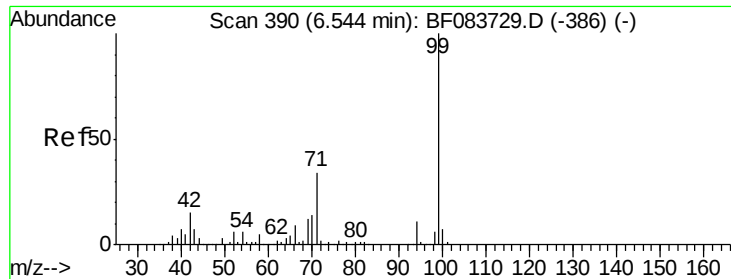


#5

2-Fluorophenol
Concen: 137.73 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:112 Resp: 721647
Ion Ratio Lower Upper
112 100
64 57.3 50.5 75.7
63 30.6 25.8 38.6





#7

Phenol-d6

Concen: 140.86 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083743.D

Acq: 13 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

DUP-X

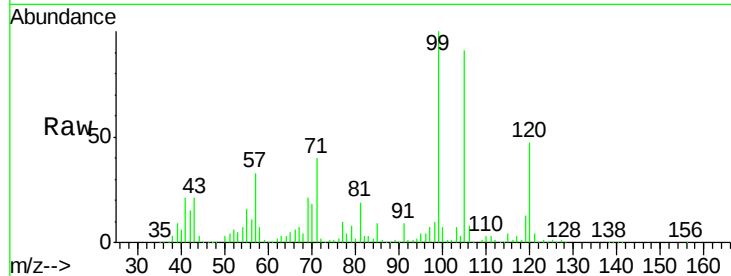
Tot Ion: 99 Resp: 934683

Ion Ratio Lower Upper

99 100

42 14.9 17.3 25.9#

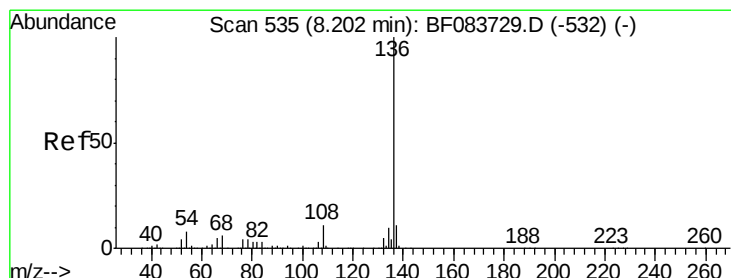
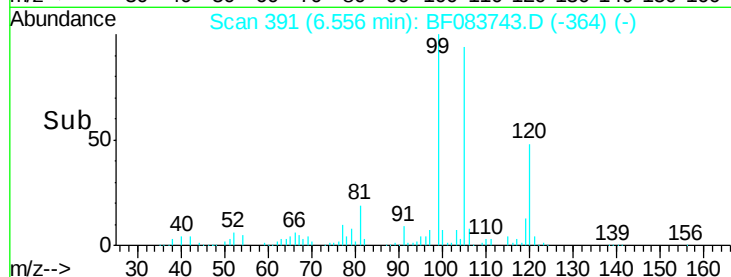
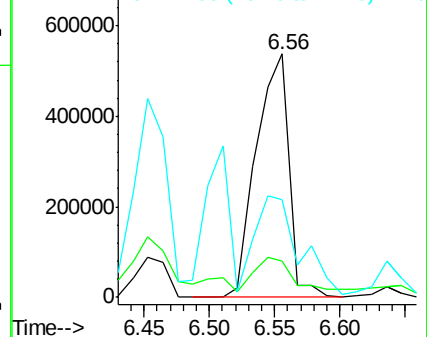
71 40.2 26.6 40.0#



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: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083743.D

Acq: 13 Dec 2015 21:44

Tgt Ion: 136 Resp: 430001

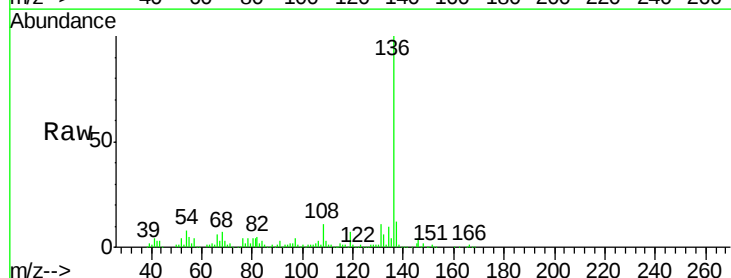
Ion Ratio Lower Upper

136 100

137 11.6 8.7 13.1

54 8.1 7.8 11.6

68 7.0 5.7 8.5

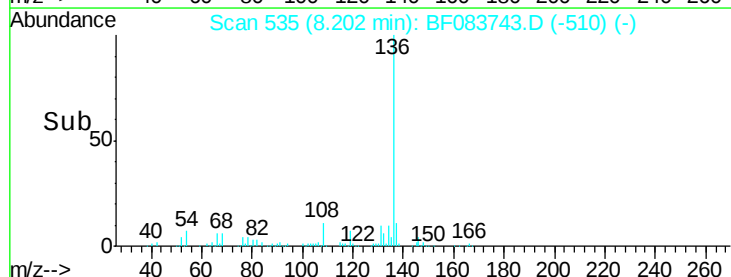
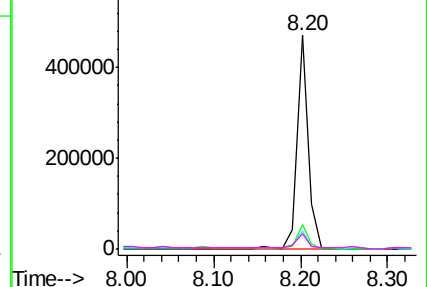


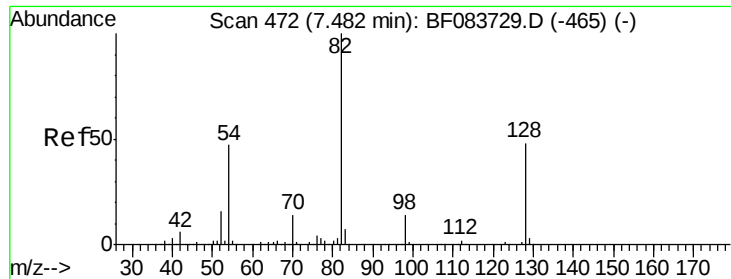
Abundance Ion 136.00 (135.70 to 136.70): E

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

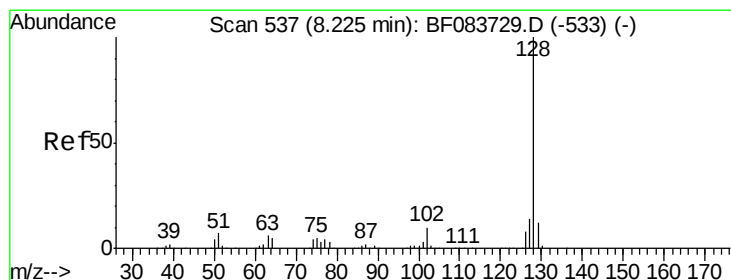
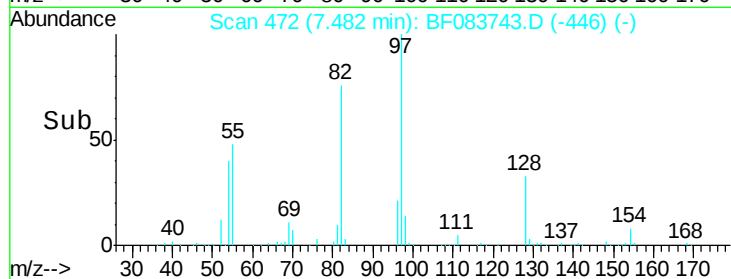
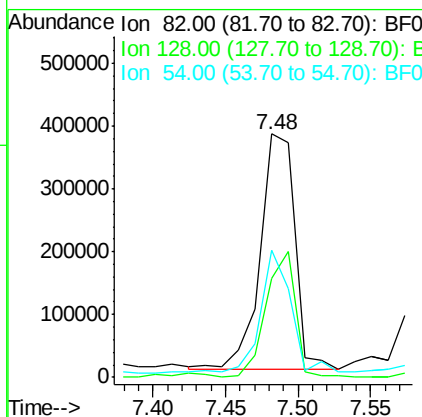
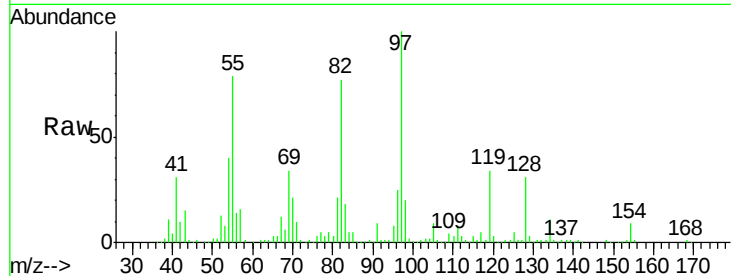




#23
Nitrobenzene-d5
Concen: 80.94 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

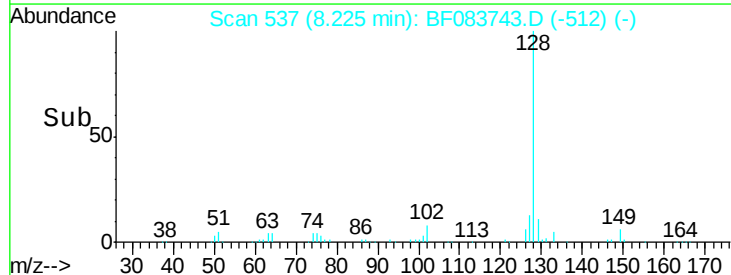
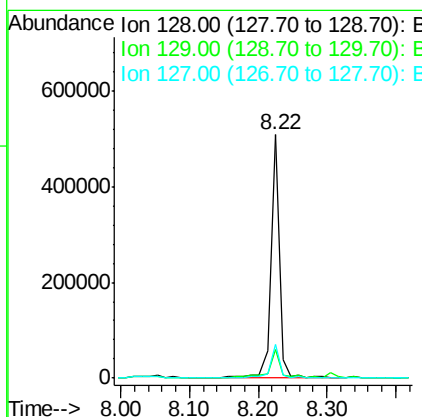
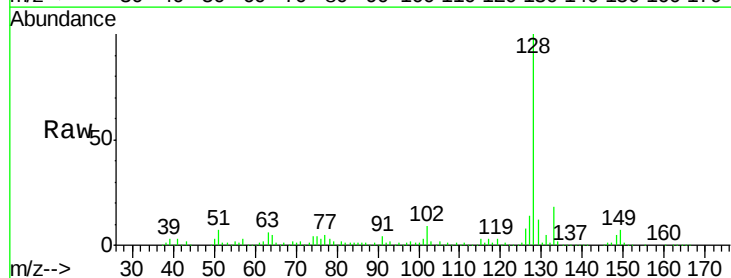
Instrument :
BNA_F
ClientSampleId :
DUP-X

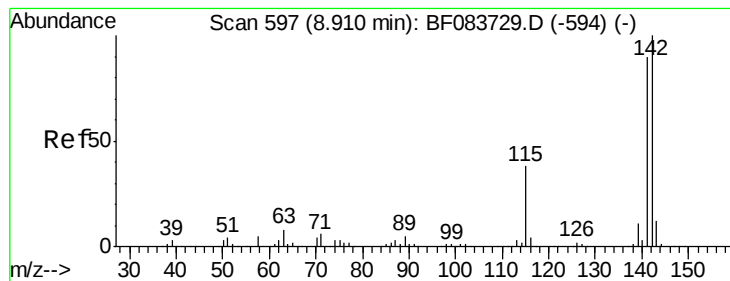
Tot Ion	82.00	Resp	622093
Ion Ratio	Lower	Upper	
82	100		
128	40.4	30.7	46.1
54	52.3	42.5	63.7



#31
Naphthalene
Concen: 19.89 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion	128	Resp	445873
Ion Ratio	Lower	Upper	
128	100		
129	11.9	8.6	13.0
127	13.9	10.6	16.0

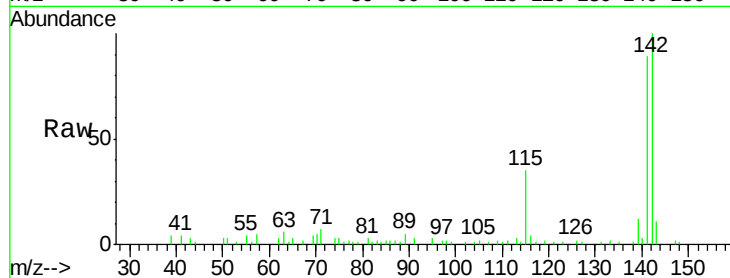




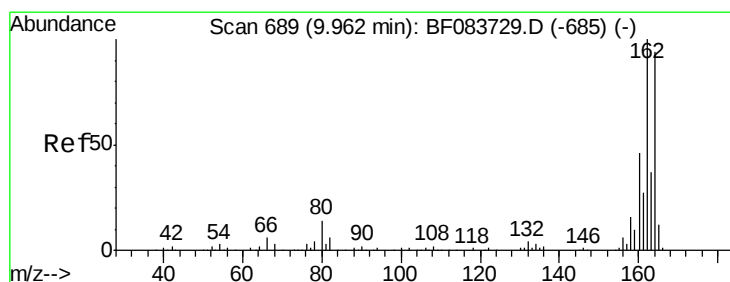
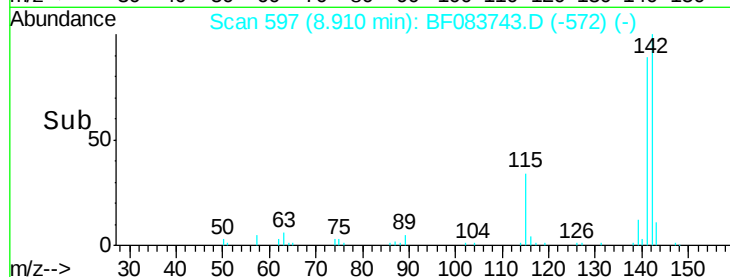
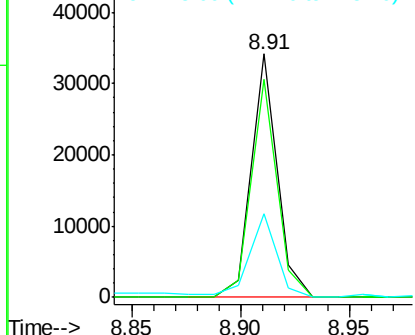
#37
2-Methylnaphthalene
Concen: 2.01 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tot Ion:142 Resp: 28219
Ion Ratio Lower Upper
142 100
141 89.3 70.3 105.5
115 34.6 29.2 43.8

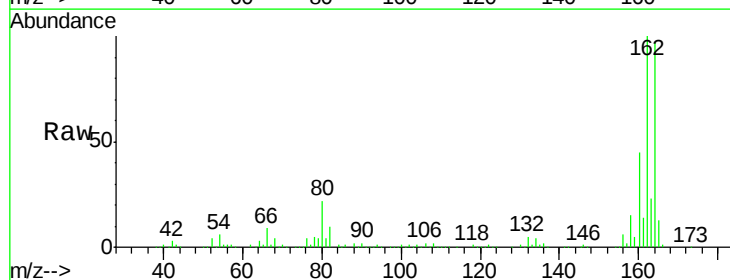


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

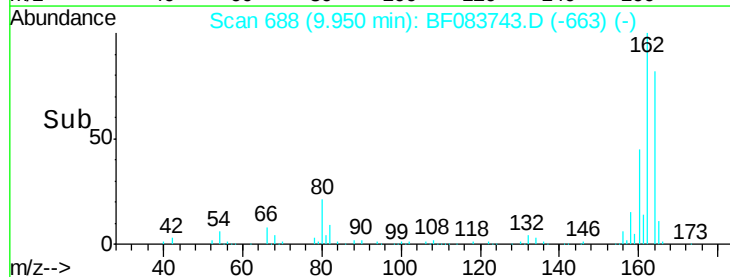
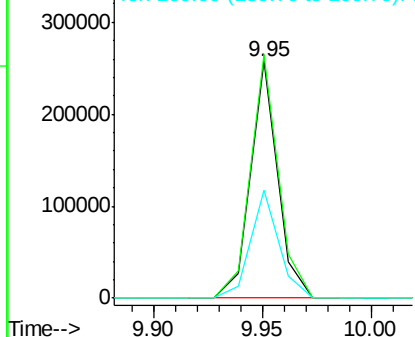


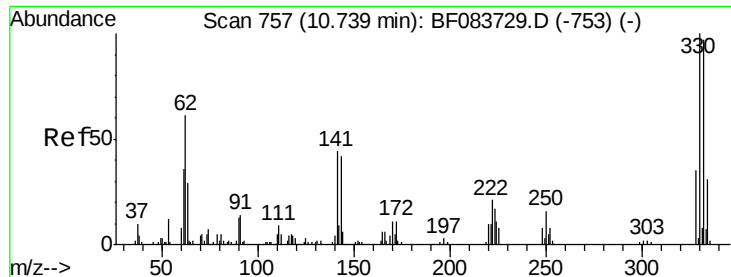
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Tgt Ion:164 Resp: 222397
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 45.8 33.4 50.2



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

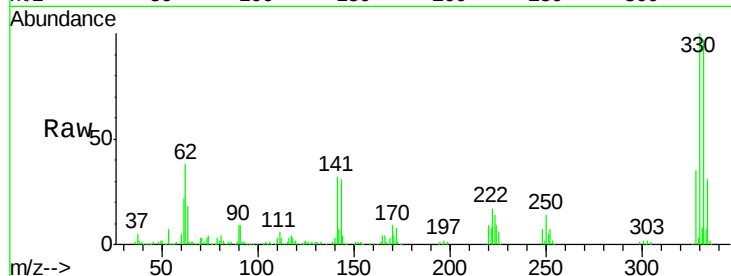




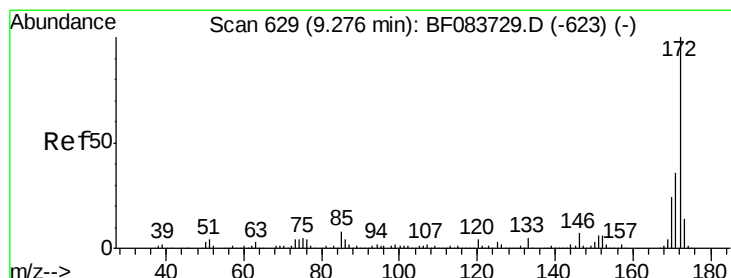
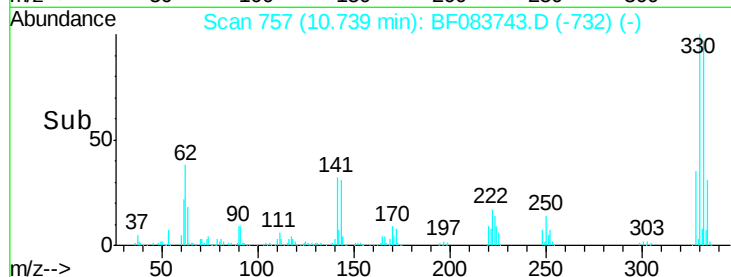
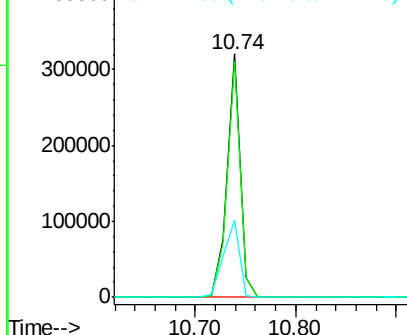
#41
 2,4,6-Tribromophenol
 Concen: 129.81 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083743.D
 Acq: 13 Dec 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 DUP-X

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	38.4	0.0	0.0#

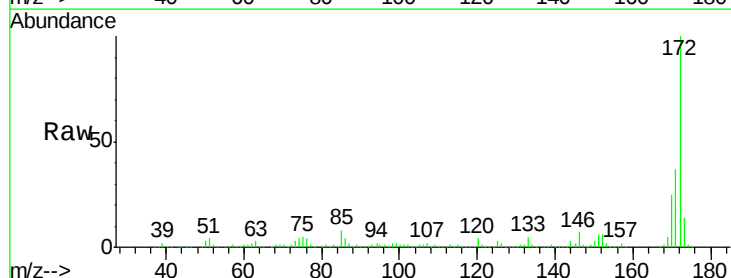


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

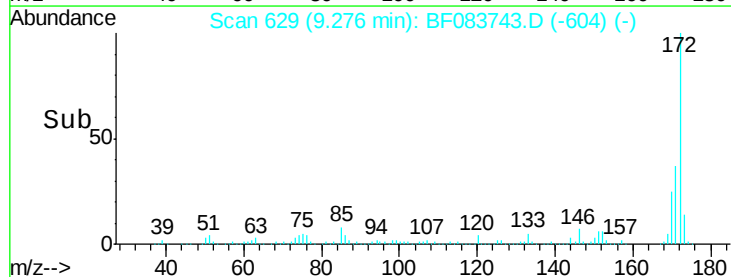
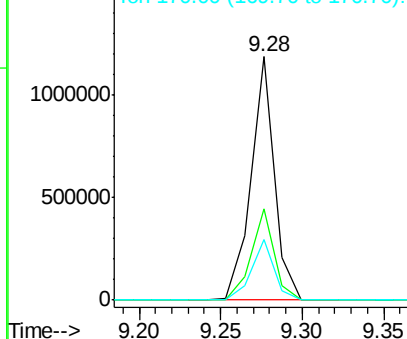


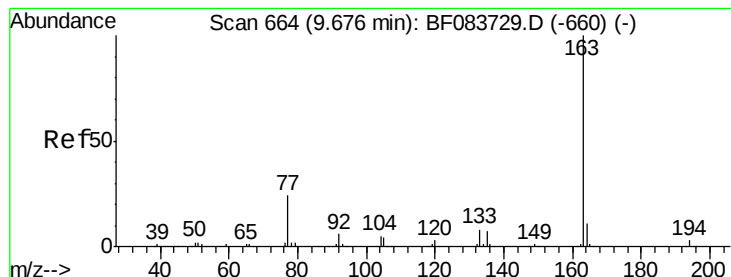
#44
 2-Fluorobiphenyl
 Concen: 74.84 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083743.D
 Acq: 13 Dec 2015 21:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	28.6	42.8
170	25.1	19.4	29.0



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: 20.99 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF083743.D

Acq: 13 Dec 2015 21:44

Instrument :

BNA_F

ClientSampled :

DUP-X

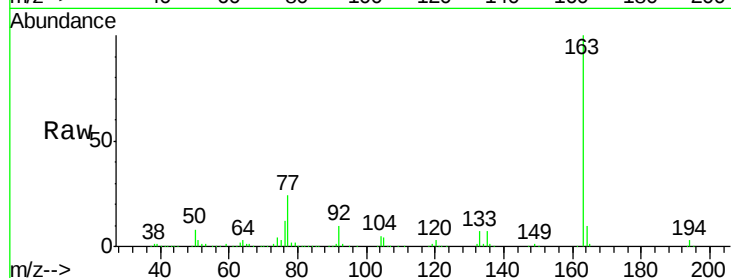
Tot Ion:163 Resp: 363892

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

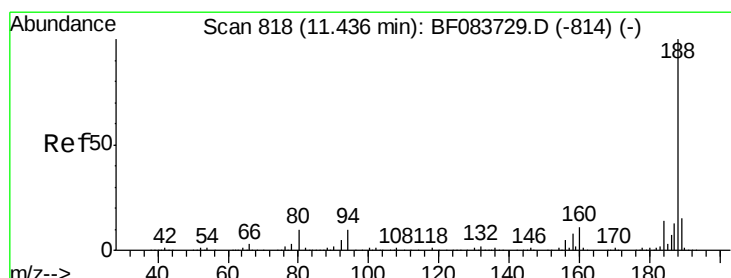
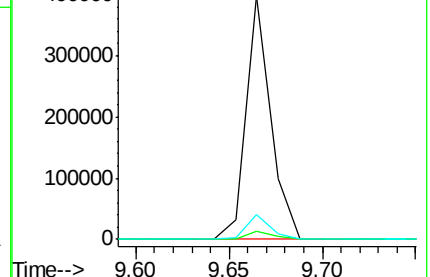
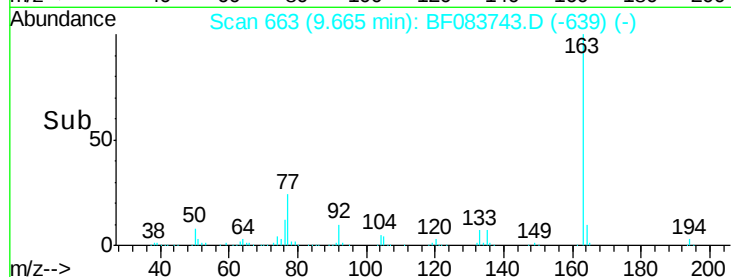
164 10.3 8.6 13.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083743.D

Acq: 13 Dec 2015 21:44

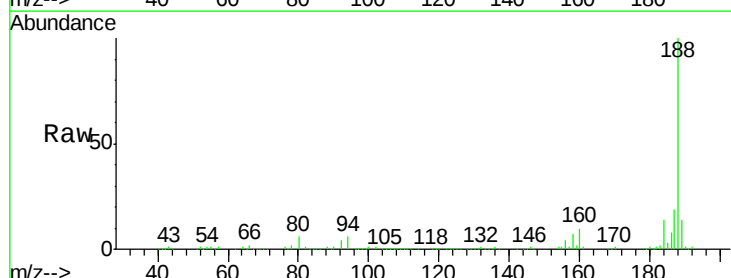
Tgt Ion:188 Resp: 398502

Ion Ratio Lower Upper

188 100

94 6.0 9.4 14.2#

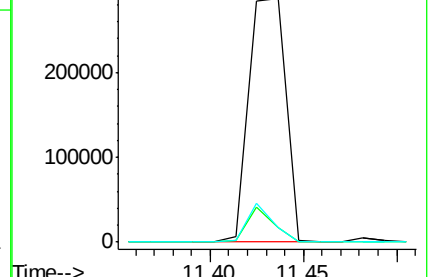
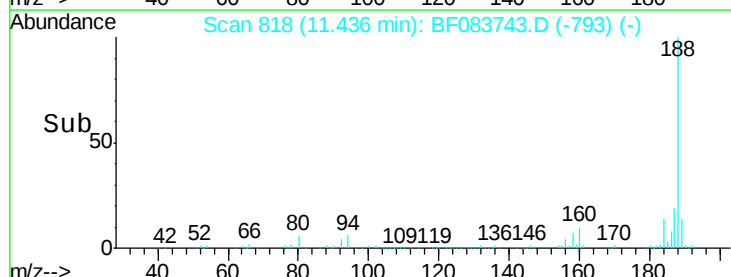
80 6.1 10.6 16.0#

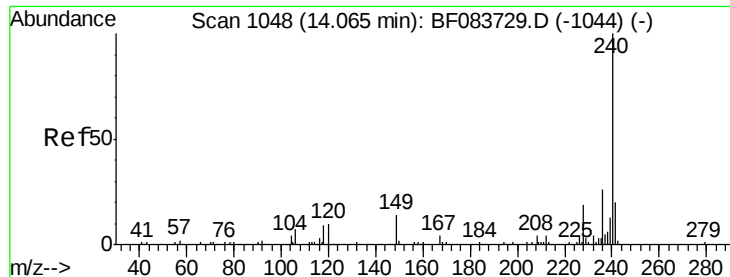


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF083743.D

Acq: 13 Dec 2015 21:44

Instrument :

BNA_F

ClientSampleId :

DUP-X

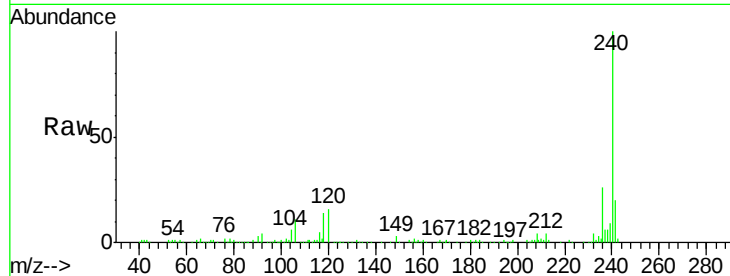
Tot Ion:240 Resp: 279489

Ion Ratio Lower Upper

240 100

120 16.4 8.1 12.1#

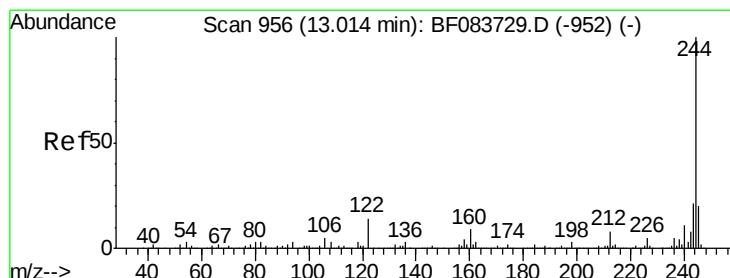
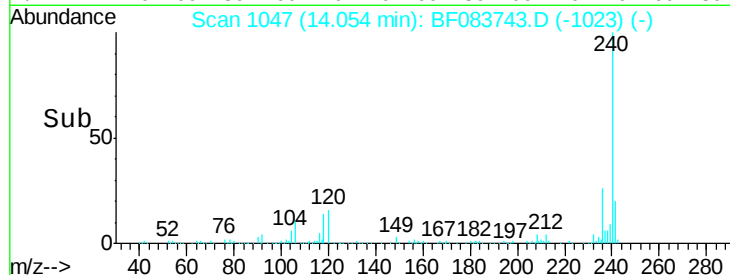
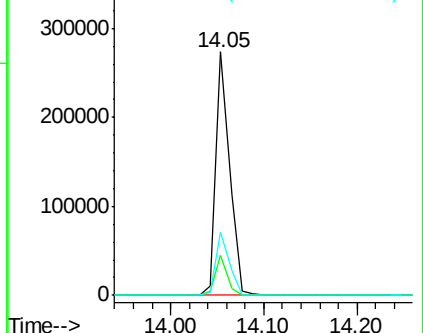
236 26.2 20.8 31.2



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: 78.17 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF083743.D

Acq: 13 Dec 2015 21:44

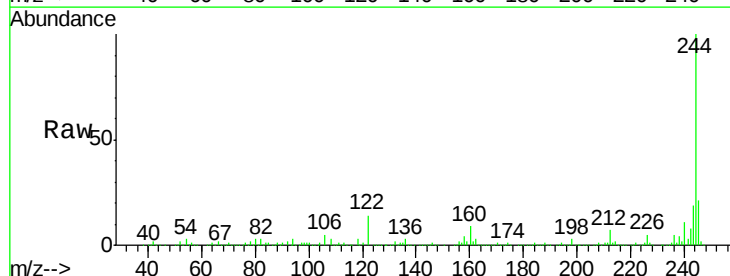
Tgt Ion:244 Resp: 1015613

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

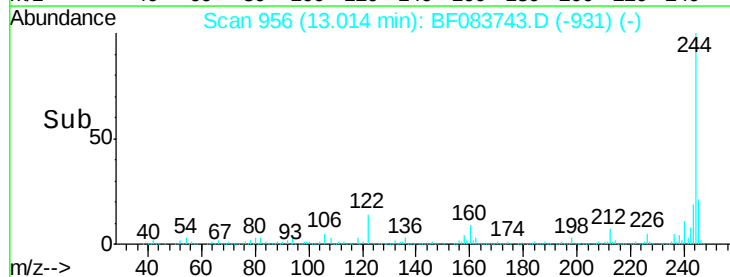
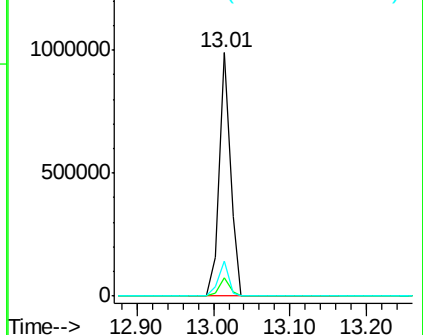
122 14.2 11.0 16.6

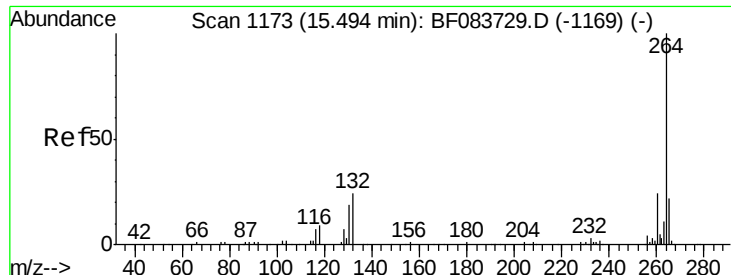


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

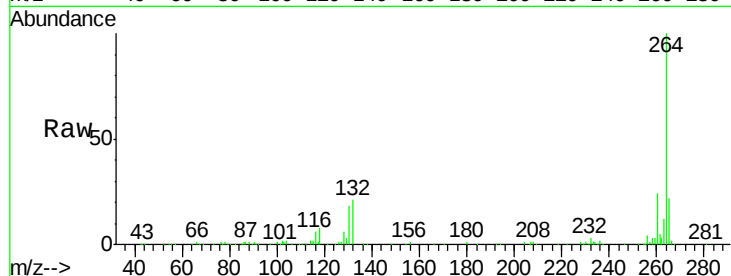




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083743.D
Acq: 13 Dec 2015 21:44

Instrument :
BNA_F
ClientSampleId :
DUP-X

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.7	17.8	26.6



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

