

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112014\
 Data File : BF075716.D
 Acq On : 20 Nov 2014 18:27
 Operator : TP / JJ
 Sample : F4777-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 01:10:51 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111914.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 19 18:09:59 2014
 Response via : Initial Calibration

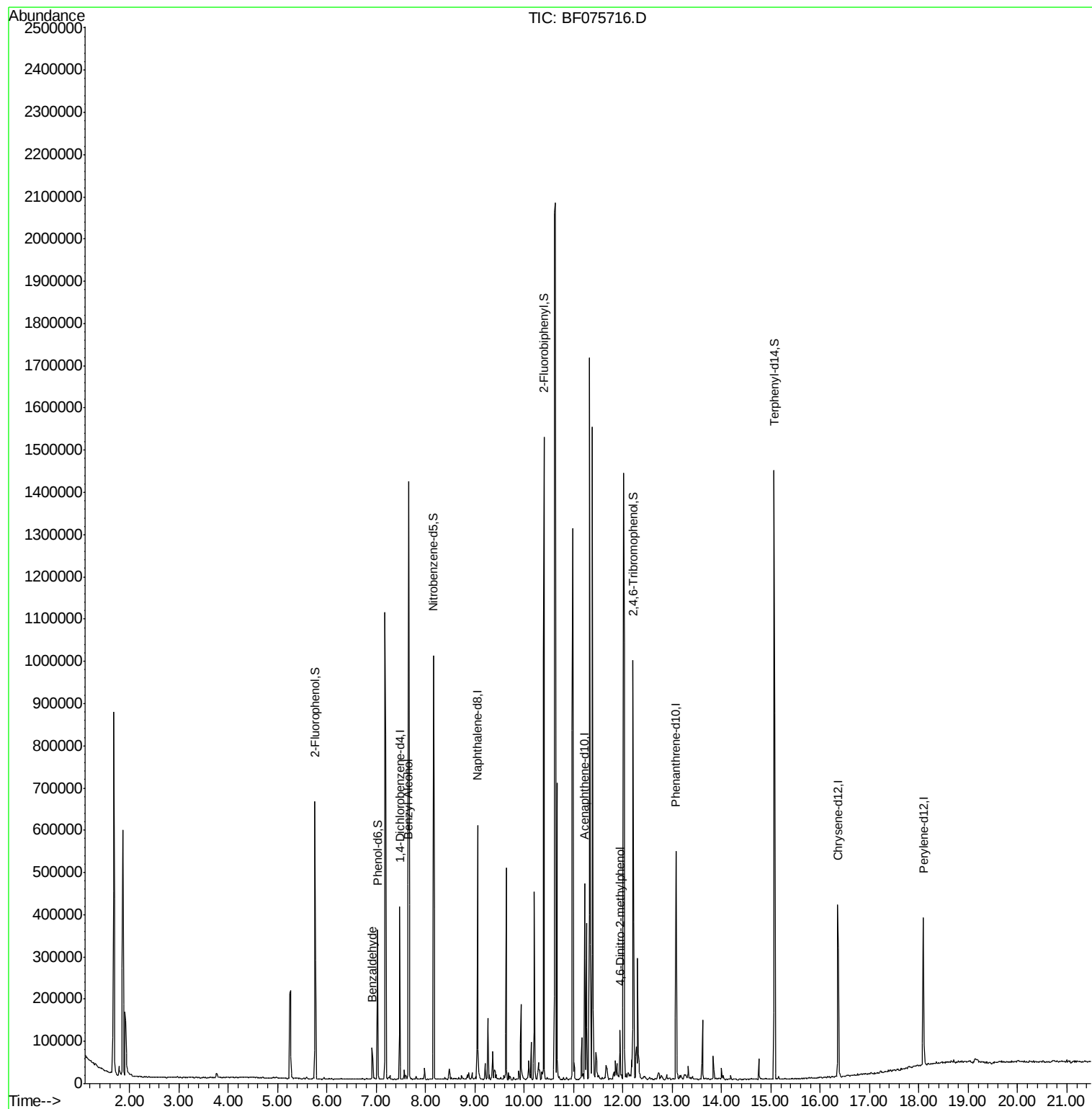
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	62915	20.00	ng	-0.01
21) Naphthalene-d8	9.05	136	259973	20.00	ng	-0.01
38) Acenaphthene-d10	11.22	164	127216	20.00	ng	-0.02
63) Phenanthrene-d10	13.08	188	204402	20.00	ng	-0.01
75) Chrysene-d12	16.36	240	195564	20.00	ng	-0.03
86) Perylene-d12	18.09	264	195097	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	207308	51.19	ng	-0.02
7) Phenol-d6	7.03	99	155337	31.54	ng	-0.01
23) Nitrobenzene-d5	8.16	82	335021	79.10	ng	-0.01
41) 2,4,6-Tribromophenol	12.21	330	123680	119.25	ng	-0.02
44) 2-Fluorobiphenyl	10.40	172	621339	76.46	ng	-0.01
78) Terphenyl-d14	15.07	244	588728	75.30	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.92	77	17969	4.73	ng	Qvalue 97
15) Benzyl Alcohol	7.65	79	85690	24.33	ng	91
64) 4,6-Dinitro-2-methylphenol	11.94	198	392	3.78	ng	# 1

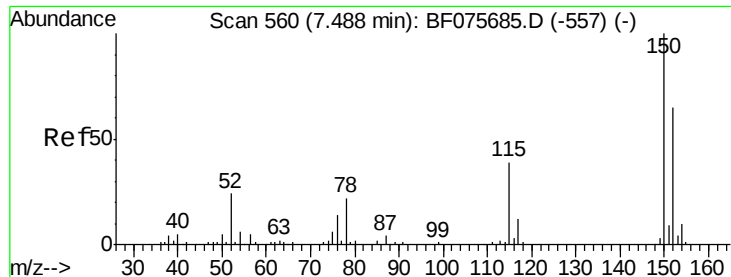
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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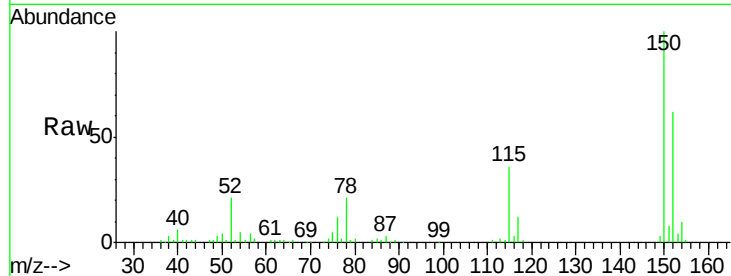


#1

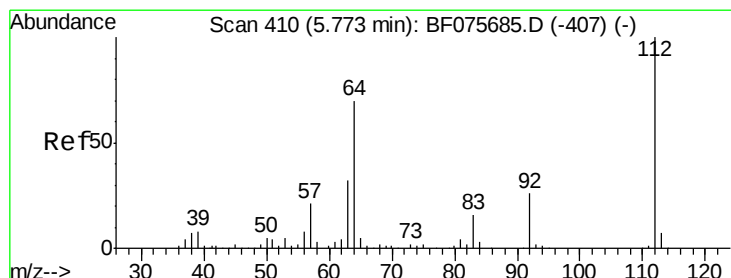
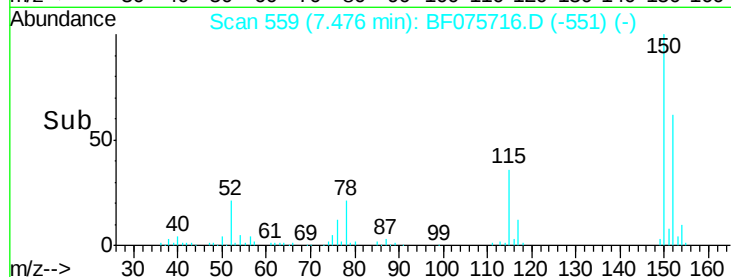
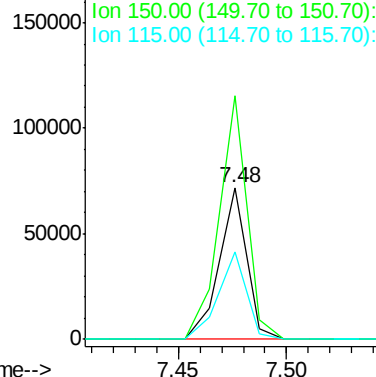
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.48 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF075716.D
Acq: 20 Nov 2014 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 62915
Ion Ratio Lower Upper
152 100
150 160.4 127.2 190.8
115 57.6 57.1 85.7



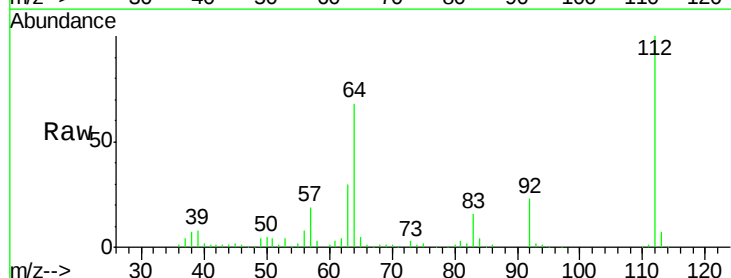
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



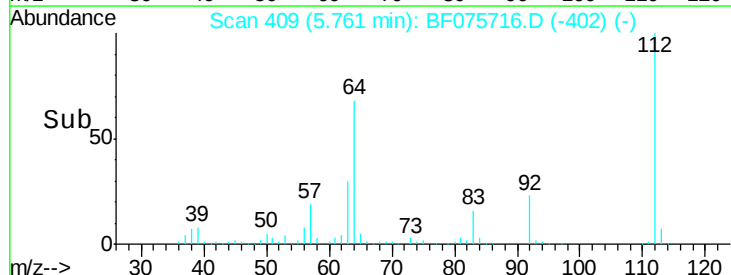
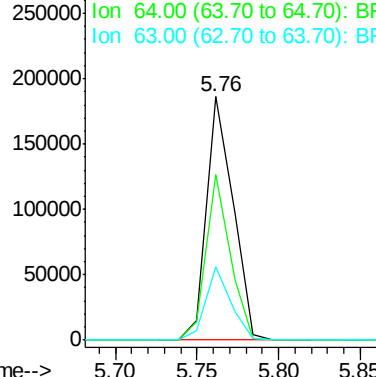
#5

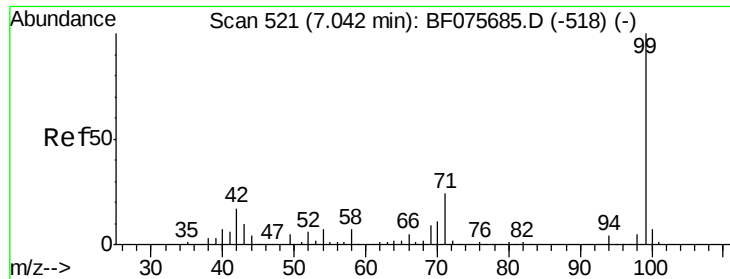
2-Fluorophenol
Concen: 51.19 ng
RT: 5.76 min Scan# 409
Delta R.T. -0.02 min
Lab File: BF075716.D
Acq: 20 Nov 2014 18:27

Tgt Ion:112 Resp: 207308
Ion Ratio Lower Upper
112 100
64 68.0 45.8 68.6
63 30.3 22.7 34.1



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: 31.54 ng

RT: 7.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF075716.D

Acq: 20 Nov 2014 18:27

Instrument :

BNA_F

ClientSampled :

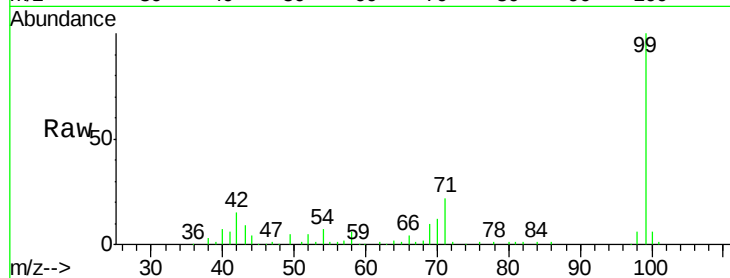
Tot Ion: 99 Resp: 155337

Ion Ratio Lower Upper

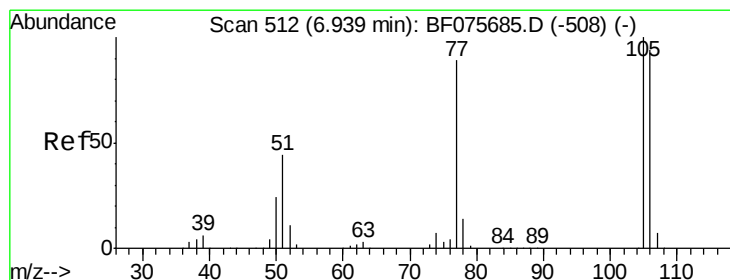
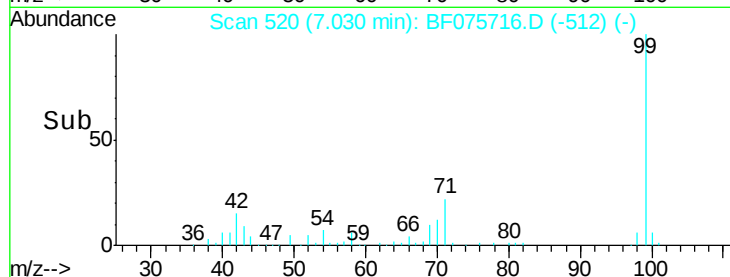
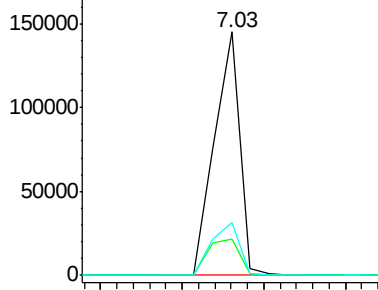
99 100

42 14.9 19.8 29.6#

71 21.9 25.5 38.3#



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: 4.73 ng

RT: 6.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF075716.D

Acq: 20 Nov 2014 18:27

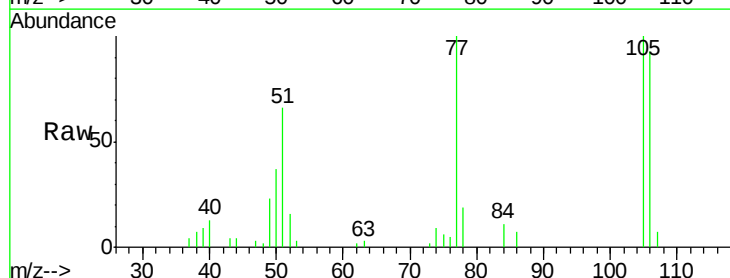
Tgt Ion: 77 Resp: 17969

Ion Ratio Lower Upper

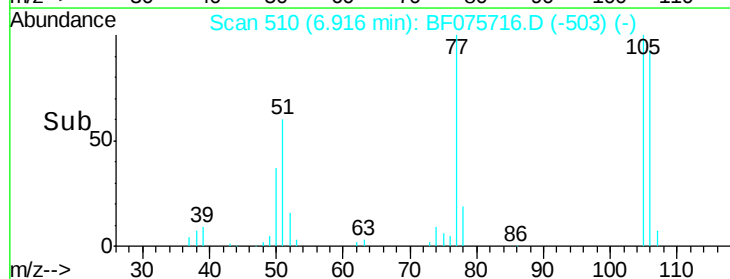
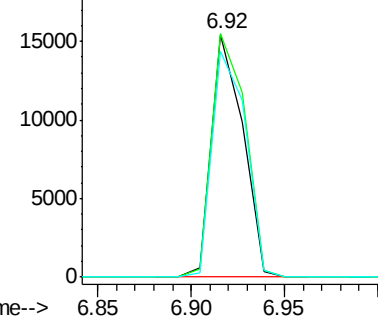
77 100

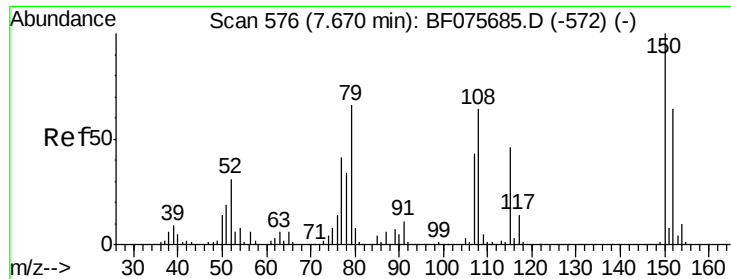
105 100.3 81.6 121.6

106 92.8 77.5 117.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#15

Benzyl Alcohol

Concen: 24.33 ng

RT: 7.65 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF075716.D

Acq: 20 Nov 2014 18:27

Instrument :

BNA_F

ClientSampleId :

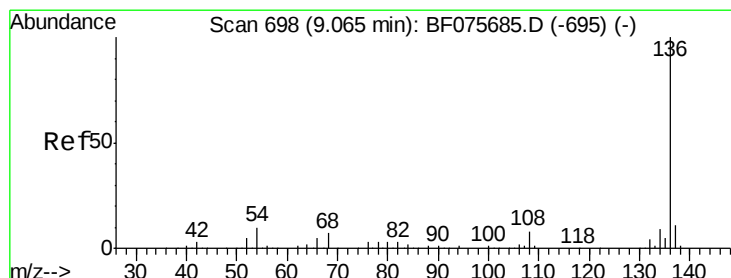
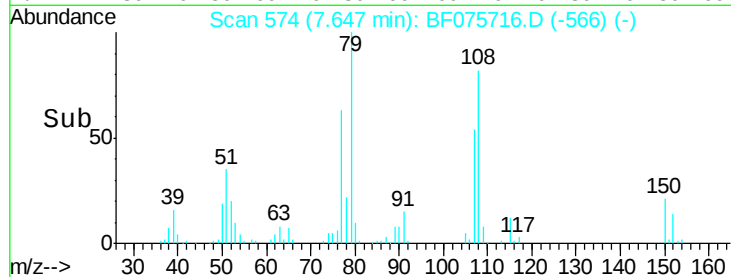
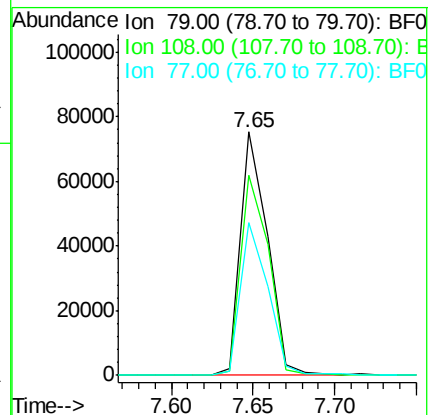
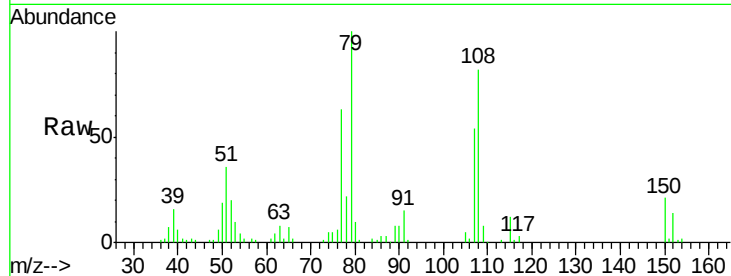
Tot Ion: 79 Resp: 85690

Ion Ratio Lower Upper

79 100

108 82.0 75.5 113.3

77 62.8 52.1 78.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.05 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF075716.D

Acq: 20 Nov 2014 18:27

Tgt Ion: 136 Resp: 259973

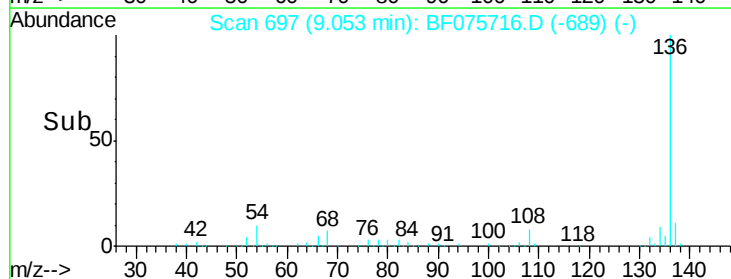
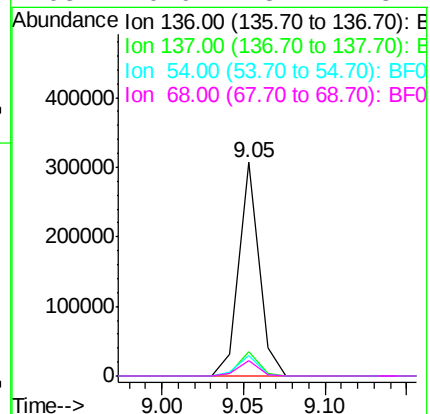
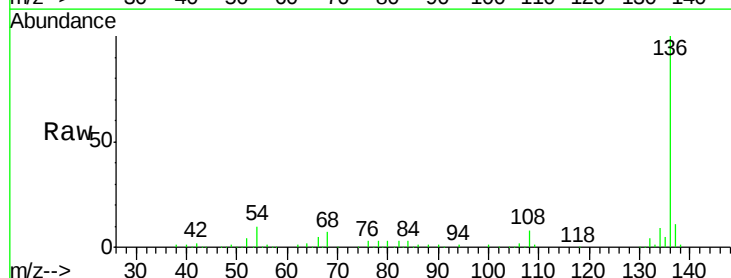
Ion Ratio Lower Upper

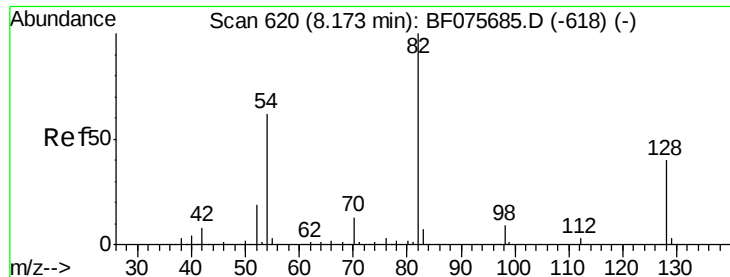
136 100

137 11.1 8.2 12.4

54 9.8 6.2 9.4#

68 6.9 3.4 5.2#

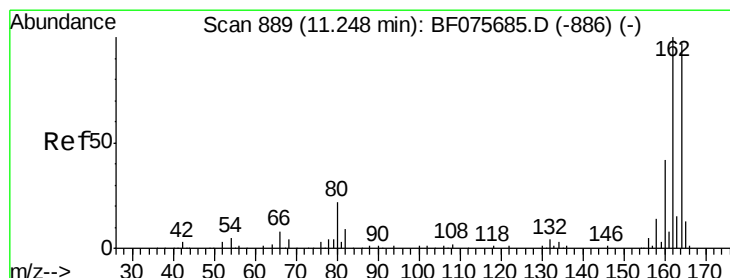
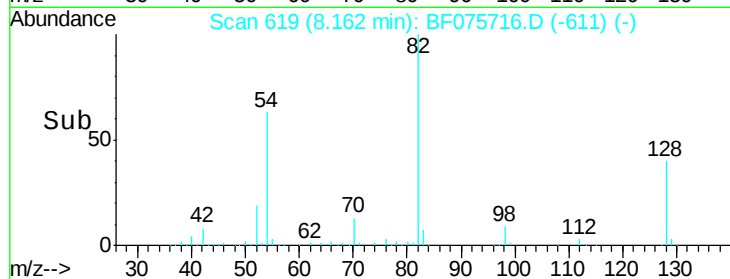
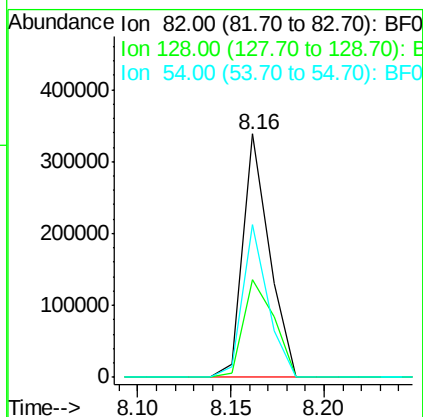
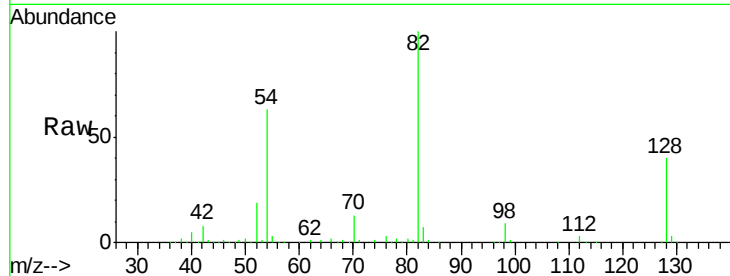




#23
 Nitrobenzene-d5
 Concen: 79.10 ng
 RT: 8.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF075716.D
 Acq: 20 Nov 2014 18:27

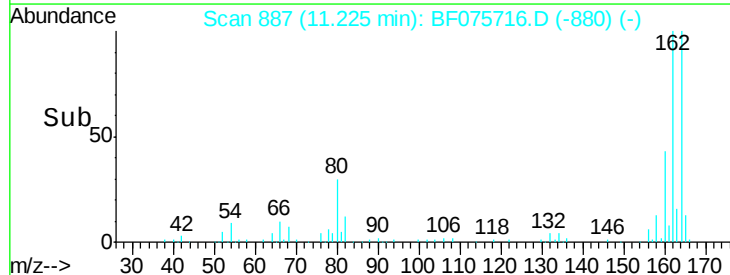
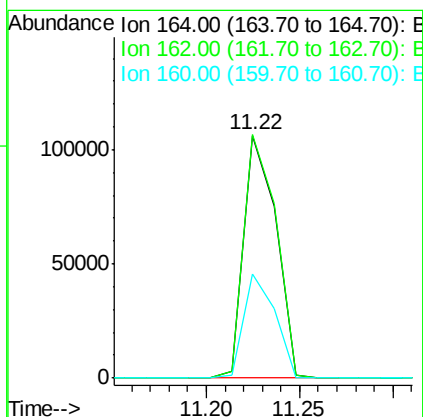
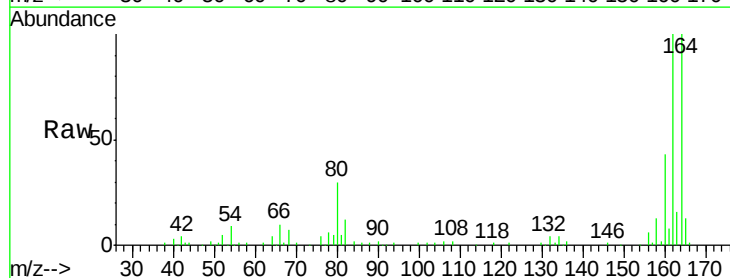
Instrument :
 BNA_F
 ClientSampleId :

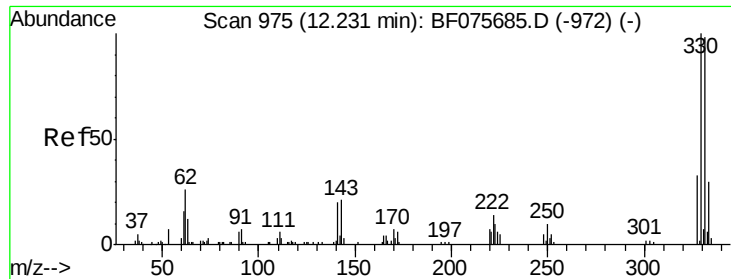
Tot Ion: 82 Resp: 335021
 Ion Ratio Lower Upper
 82 100
 128 40.3 37.8 56.6
 54 62.7 49.8 74.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.22 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF075716.D
 Acq: 20 Nov 2014 18:27

Tgt Ion: 164 Resp: 127216
 Ion Ratio Lower Upper
 164 100
 162 100.3 79.1 118.7
 160 42.8 34.6 51.8

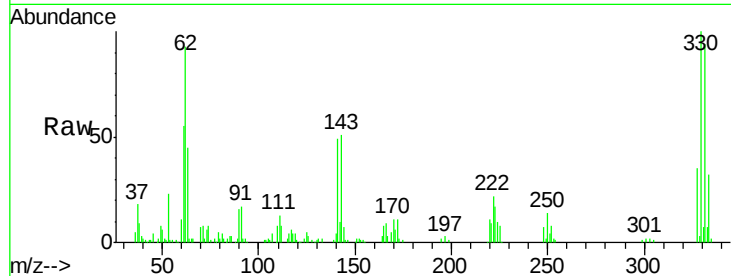




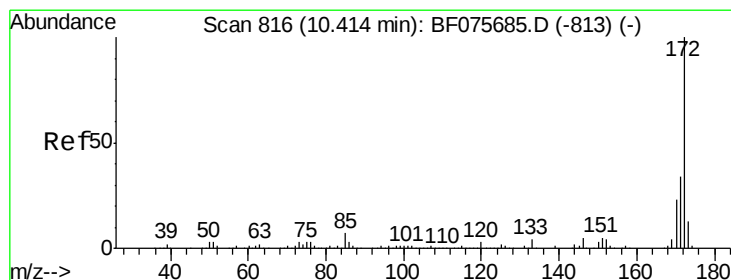
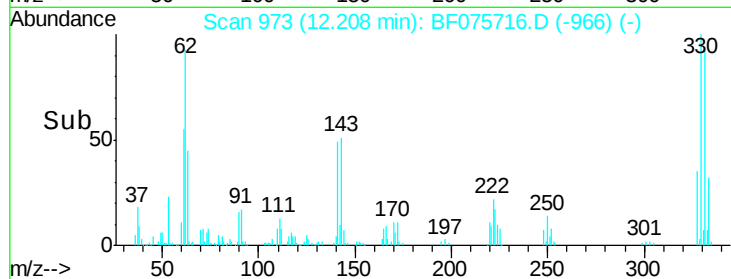
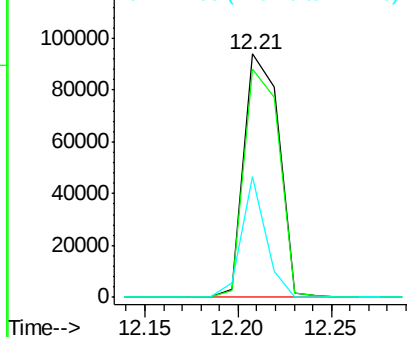
#41
 2,4,6-Tribromophenol
 Concen: 119.25 ng
 RT: 12.21 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BF075716.D
 Acq: 20 Nov 2014 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	74.5	111.7
141	34.5	30.7	46.1

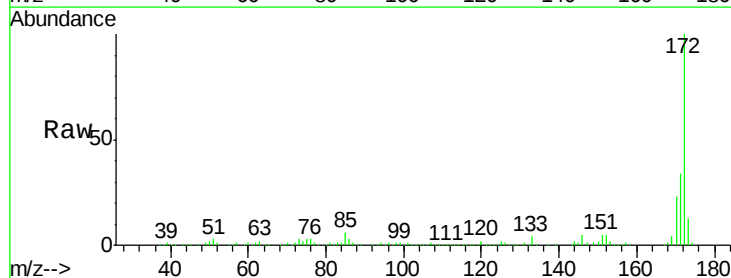


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

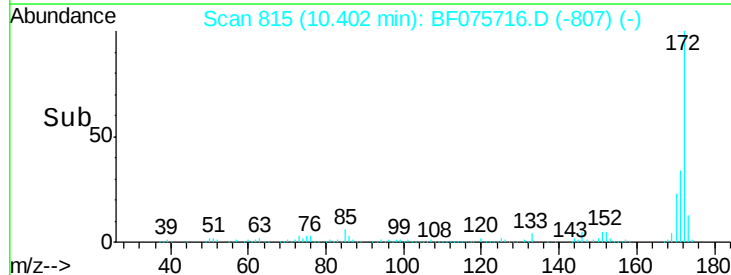
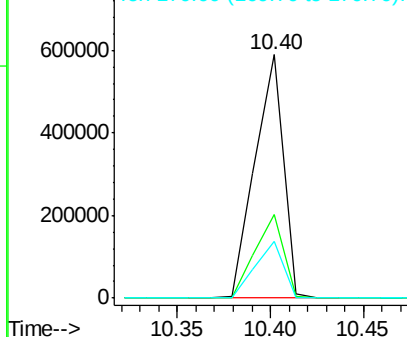


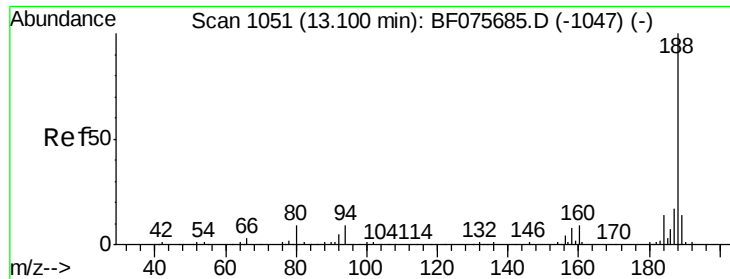
#44
 2-Fluorobiphenyl
 Concen: 76.46 ng
 RT: 10.40 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF075716.D
 Acq: 20 Nov 2014 18:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.3	40.9
170	23.1	18.4	27.6



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

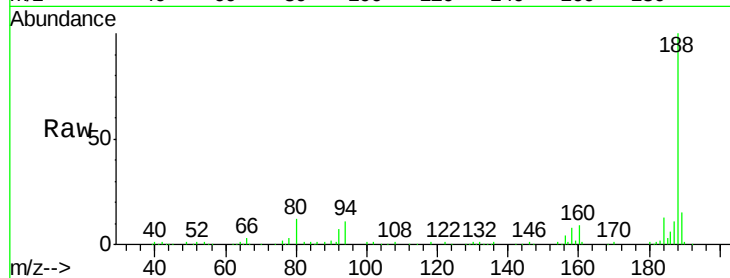




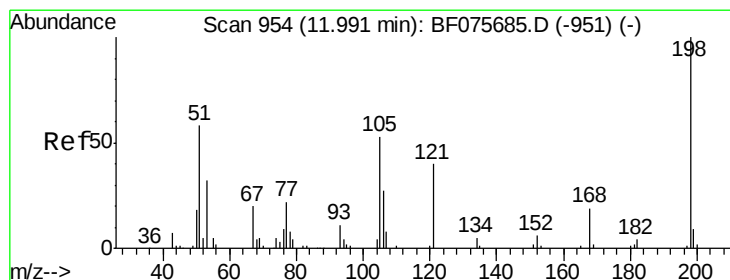
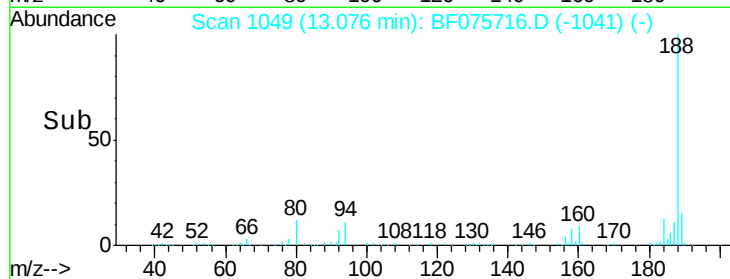
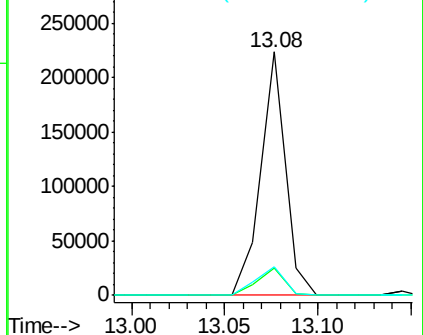
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF075716.D
Acq: 20 Nov 2014 18:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 204402
Ion Ratio Lower Upper
188 100
94 11.1 7.8 11.6
80 11.8 8.0 12.0

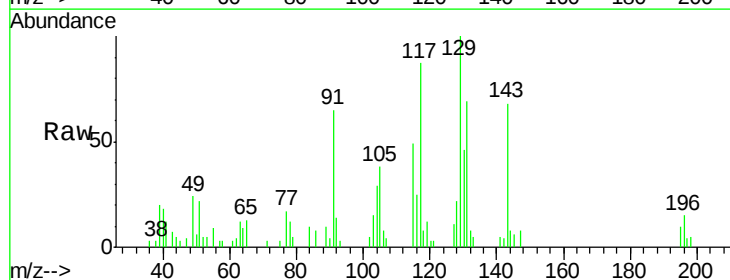


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

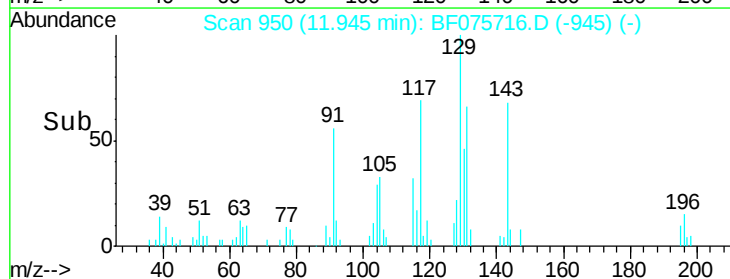
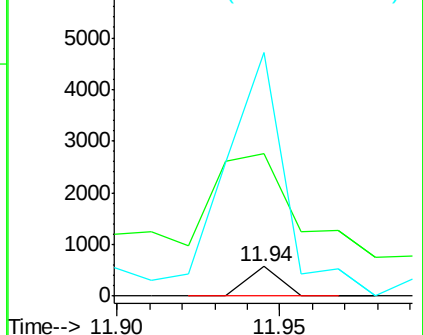


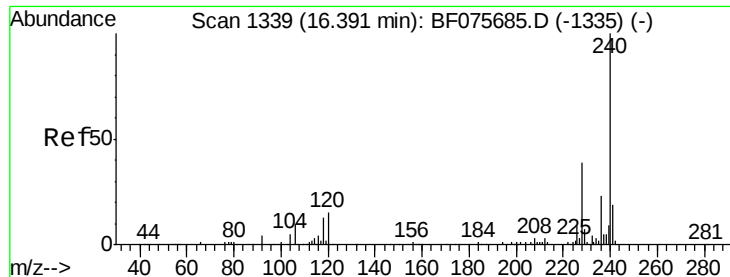
#64
4,6-Dinitro-2-methylphenol
Concen: 3.78 ng
RT: 11.94 min Scan# 950
Delta R.T. -0.05 min
Lab File: BF075716.D
Acq: 20 Nov 2014 18:27

Tgt Ion:198 Resp: 392
Ion Ratio Lower Upper
198 100
51 483.5 26.0 66.0#
105 825.4 24.2 64.2#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.36 min Scan# 1336

Delta R.T. -0.03 min

Lab File: BF075716.D

Acq: 20 Nov 2014 18:27

Instrument :

BNA_F

ClientSampleId :

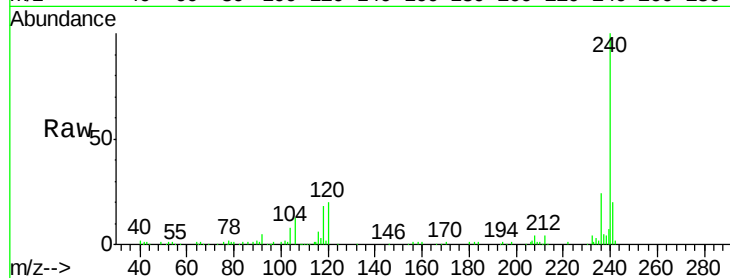
Tot Ion:240 Resp: 195564

Ion Ratio Lower Upper

240 100

120 20.2 9.6 14.4#

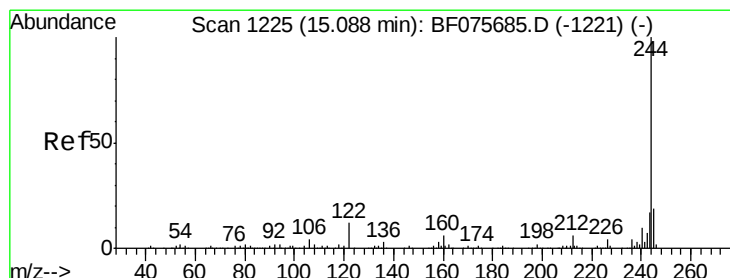
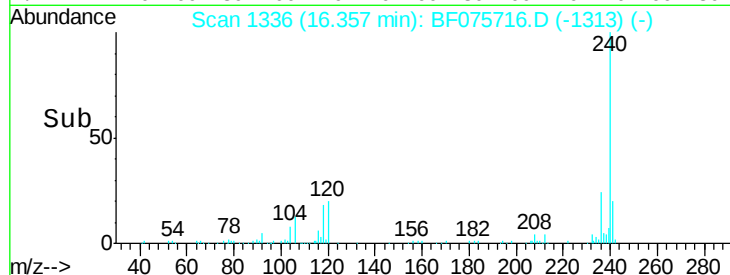
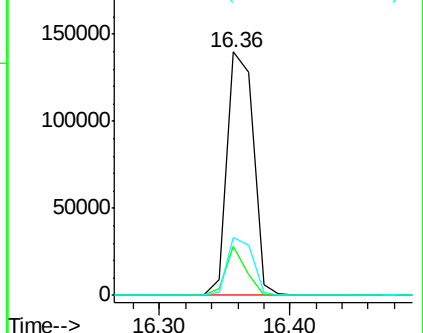
236 23.6 18.9 28.3



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: 75.30 ng

RT: 15.07 min Scan# 1223

Delta R.T. -0.02 min

Lab File: BF075716.D

Acq: 20 Nov 2014 18:27

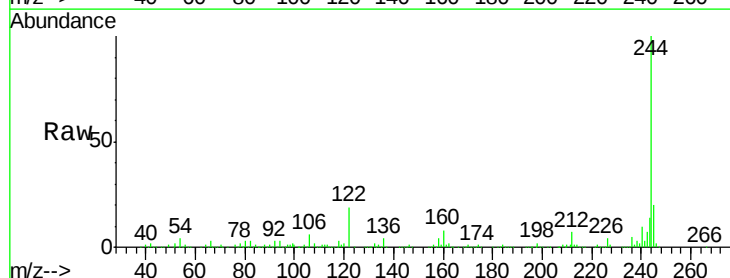
Tgt Ion:244 Resp: 588728

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

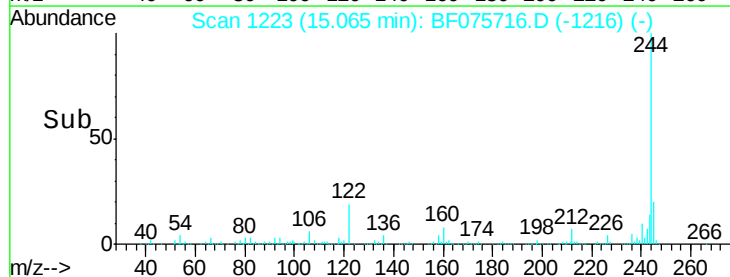
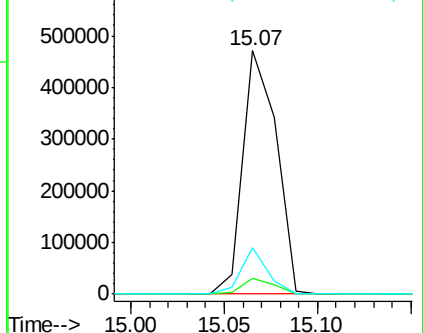
122 19.1 9.7 14.5#

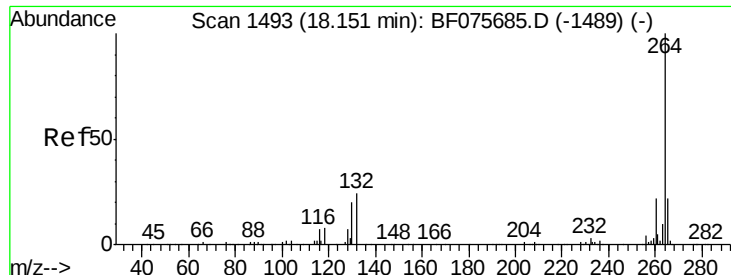


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

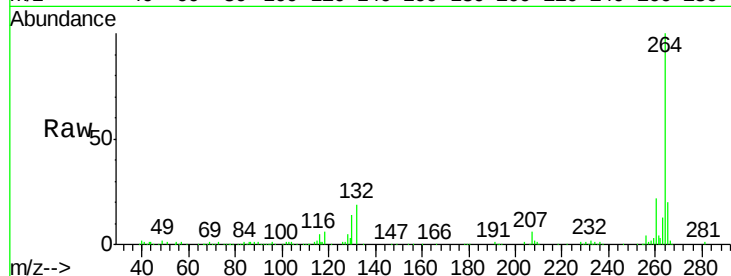




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.09 min Scan# 1488
 Delta R.T. -0.07 min
 Lab File: BF075716.D
 Acq: 20 Nov 2014 18:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	195097
Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.9	26.9
265	19.5	16.3	24.5



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

