

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121715\
 Data File : BF083871.D
 Acq On : 17 Dec 2015 6:48
 Operator : UM/SJ
 Sample : G4775-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874

Quant Time: Dec 17 08:22:39 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	6.89	152	105684	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	457985	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	217934	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	417551	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	287385	20.00	ng	-0.03
86) Perylene-d12	15.49	264	250315	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	605969	92.50	ng	-0.01
7) Phenol-d6	6.53	99	733485	88.41	ng	-0.01
23) Nitrobenzene-d5	7.46	82	501527	61.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	211020	95.02	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	899159	54.60	ng	-0.03
78) Terphenyl-d14	13.00	244	946571	70.85	ng	-0.02

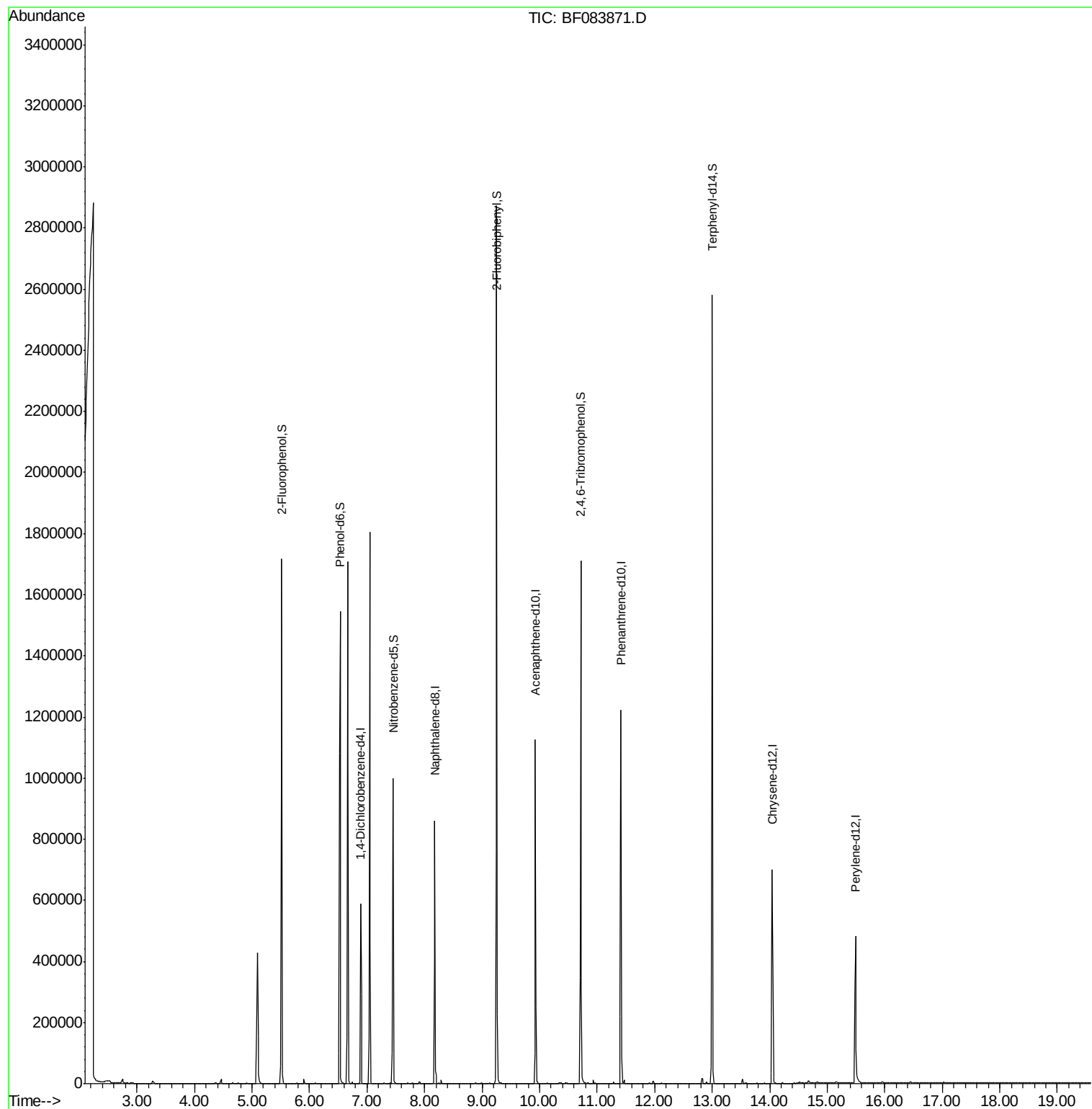
Target Compounds Qvalue

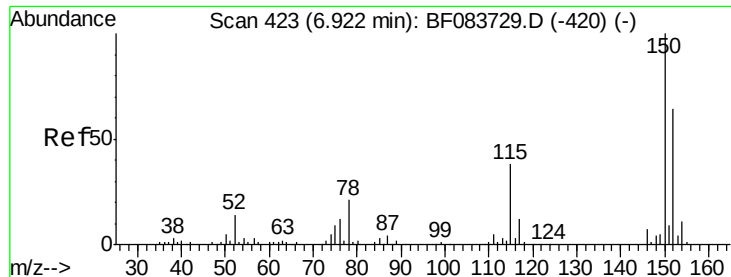
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF083871.D

Acq: 17 Dec 2015 6:48

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874

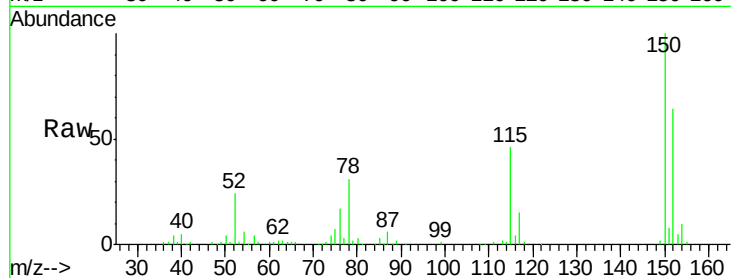
Tot Ion:152 Resp: 105684

Ion Ratio Lower Upper

152 100

150 155.8 126.5 189.7

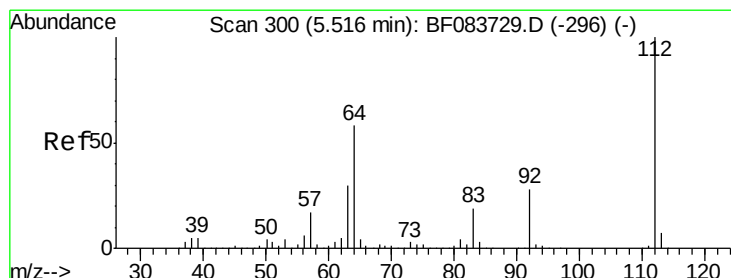
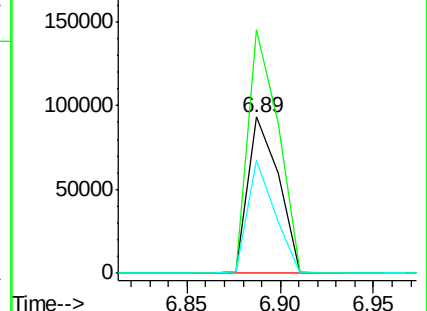
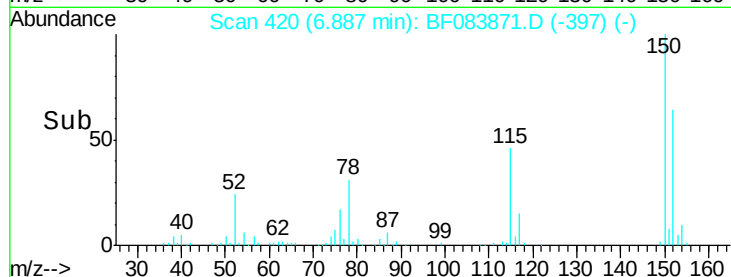
115 72.1 52.3 78.5



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: 92.50 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083871.D

Acq: 17 Dec 2015 6:48

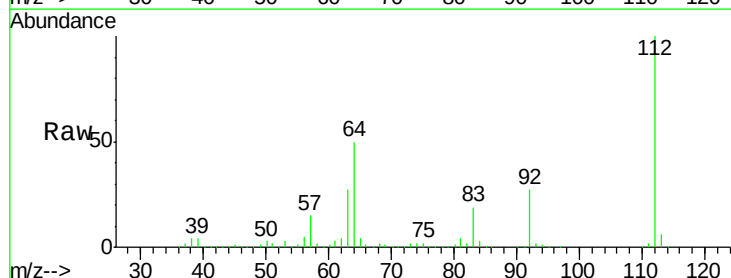
Tgt Ion:112 Resp: 605969

Ion Ratio Lower Upper

112 100

64 50.2 50.5 75.7#

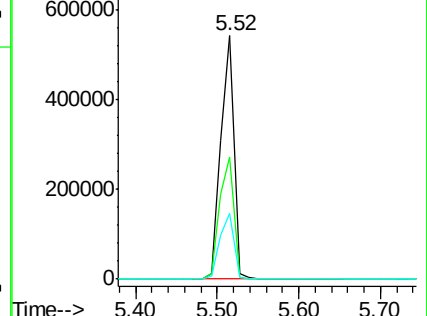
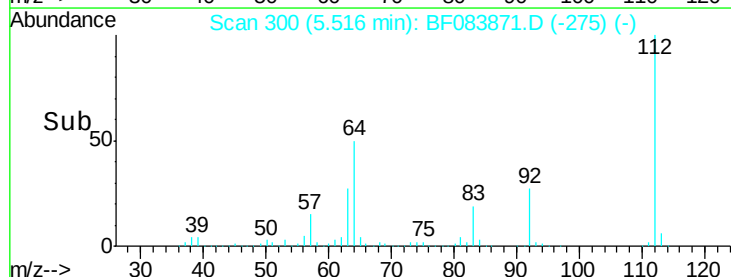
63 26.8 25.8 38.6

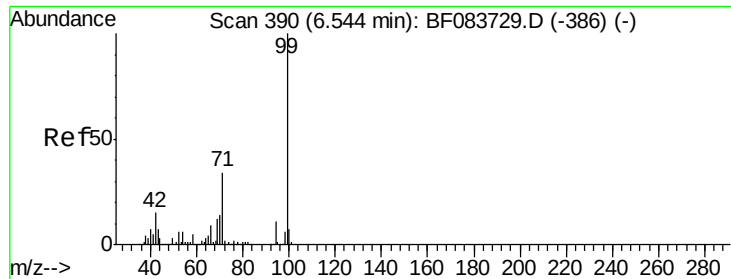


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 88.41 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083871.D

Acq: 17 Dec 2015 6:48

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874

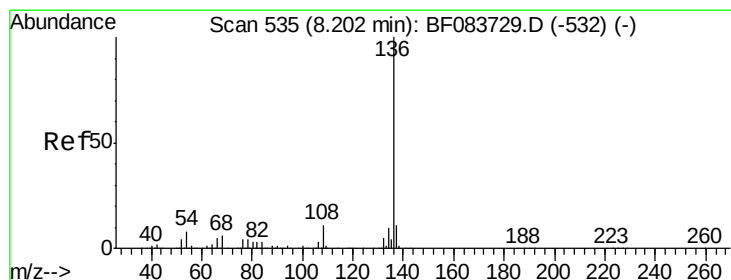
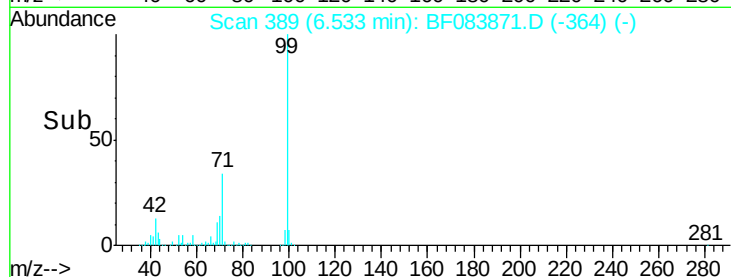
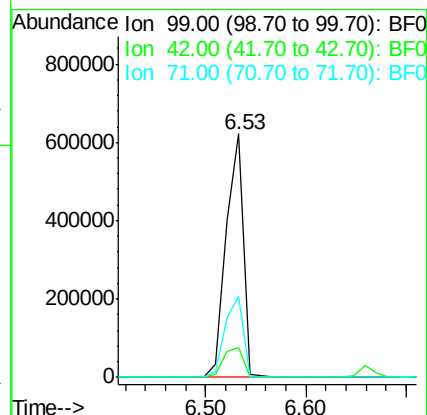
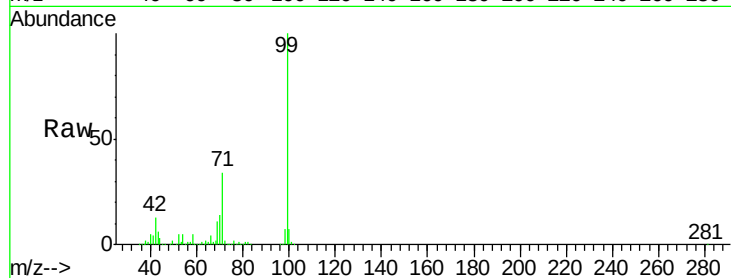
Tot Ion: 99 Resp: 733485

Ion Ratio Lower Upper

99 100

42 12.5 17.3 25.9#

71 33.5 26.6 40.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083871.D

Acq: 17 Dec 2015 6:48

Tgt Ion: 136 Resp: 457985

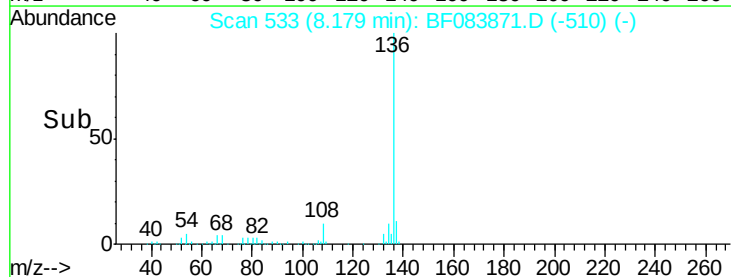
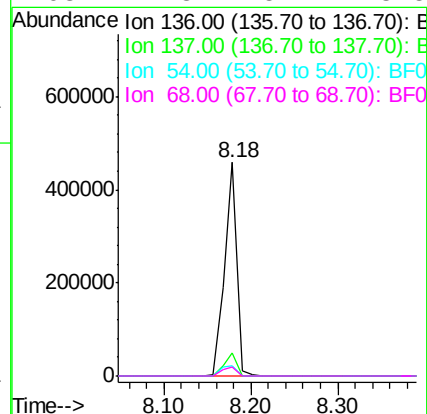
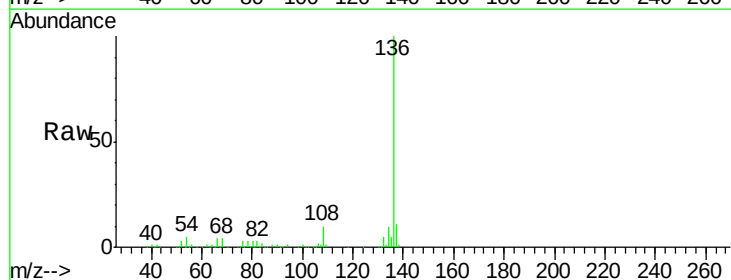
Ion Ratio Lower Upper

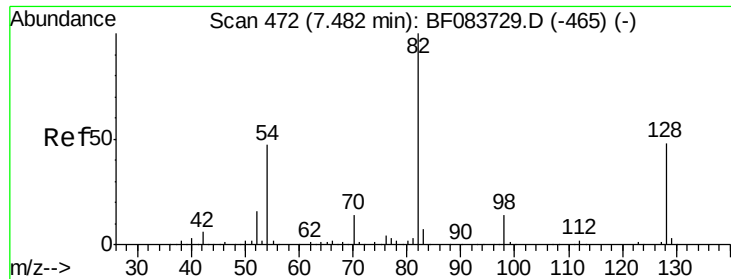
136 100

137 10.7 8.7 13.1

54 5.1 7.8 11.6#

68 4.3 5.7 8.5#

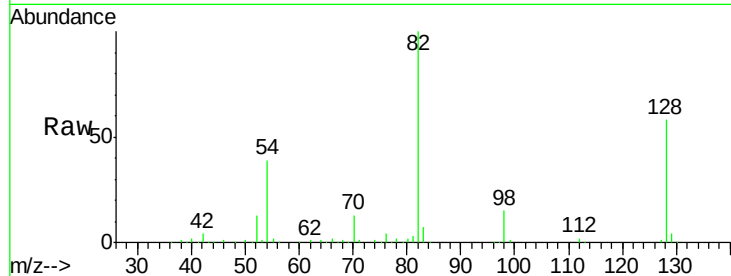




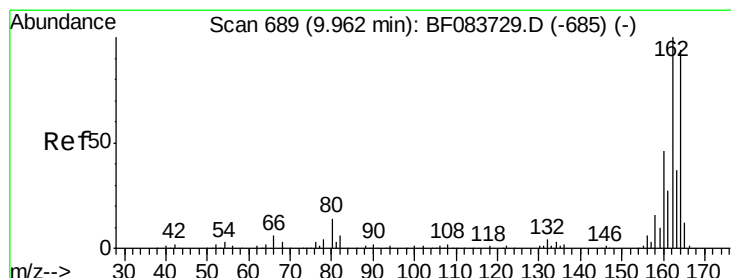
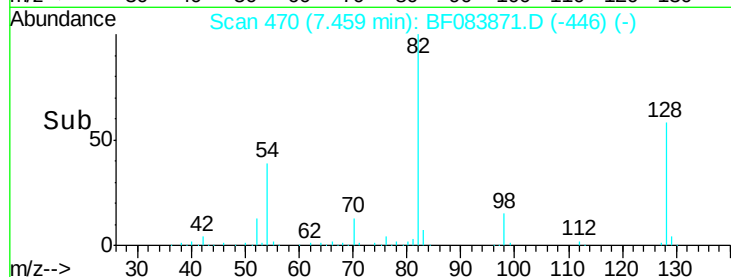
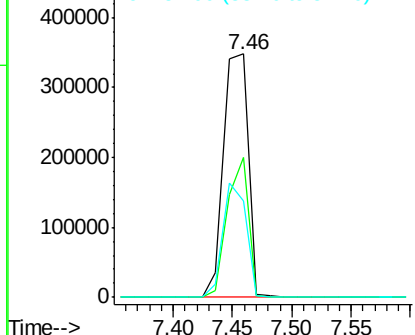
#23
 Nitrobenzene-d5
 Concen: 61.27 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083871.D
 Acq: 17 Dec 2015 6:48

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874

Tot Ion	82	Resp	501527
Ion Ratio	Lower	Upper	
82	100		
128	57.6	30.7	46.1#
54	39.4	42.5	63.7#

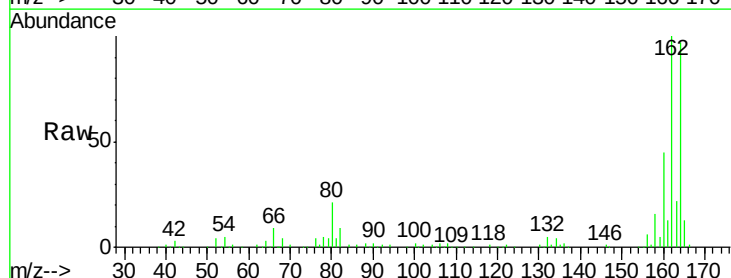


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

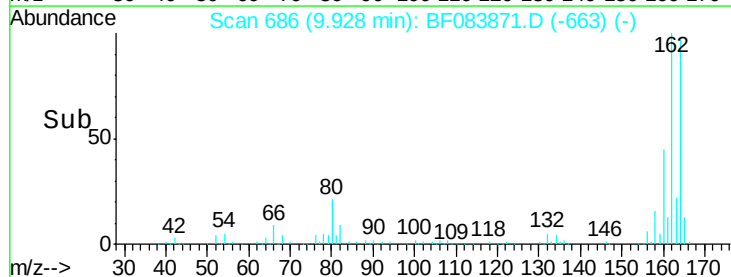
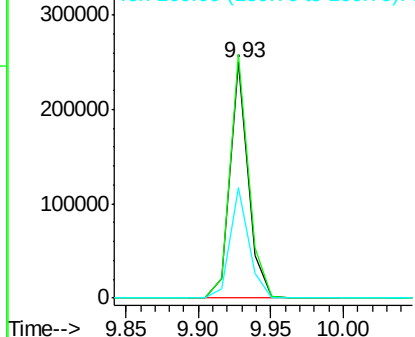


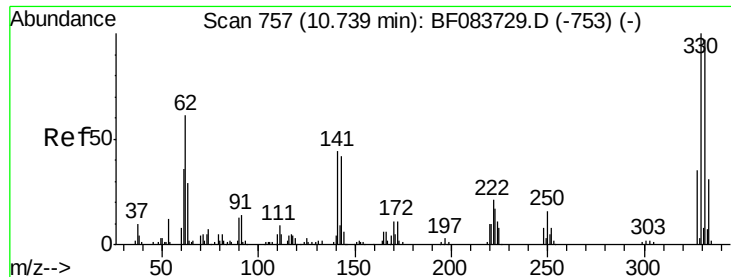
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083871.D
 Acq: 17 Dec 2015 6:48

Tgt Ion	164	Resp	217934
Ion Ratio	Lower	Upper	
164	100		
162	103.2	78.8	118.2
160	46.9	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

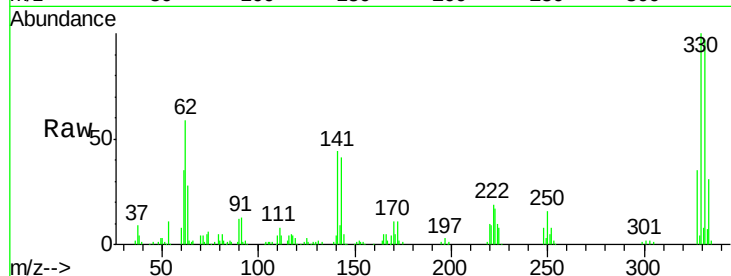




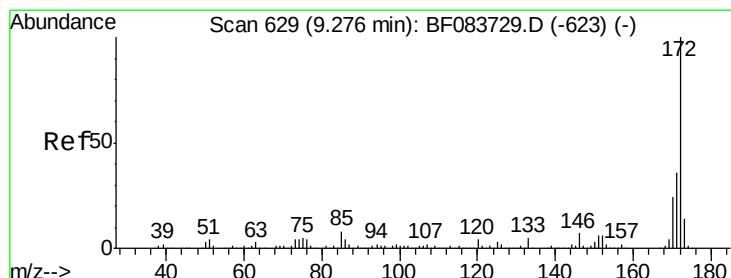
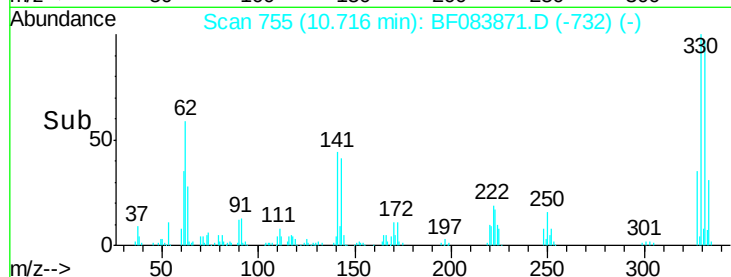
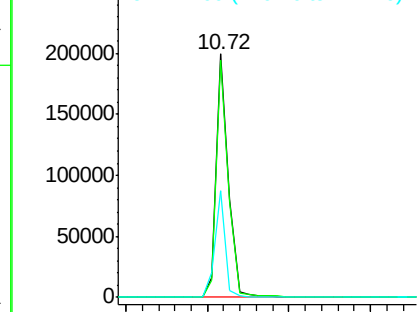
#41
 2,4,6-Tribromophenol
 Concen: 95.02 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083871.D
 Acq: 17 Dec 2015 6:48

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874

Tot Ion:330 Resp: 211020
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 38.0 0.0 0.0#

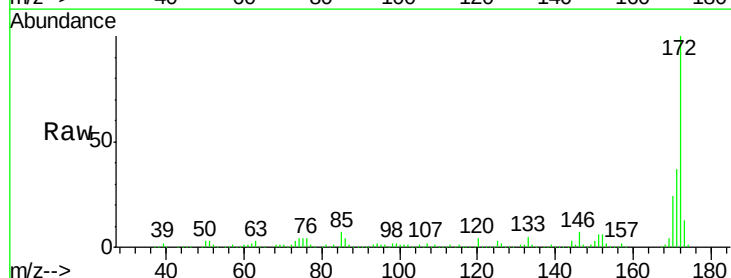


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

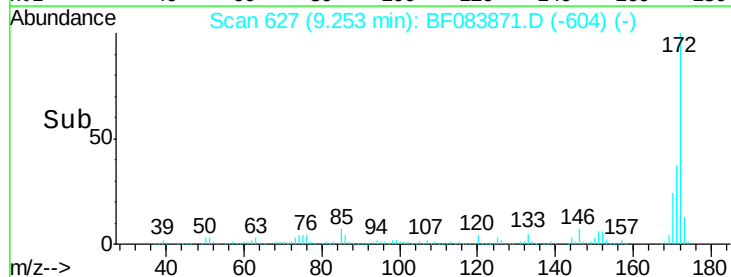
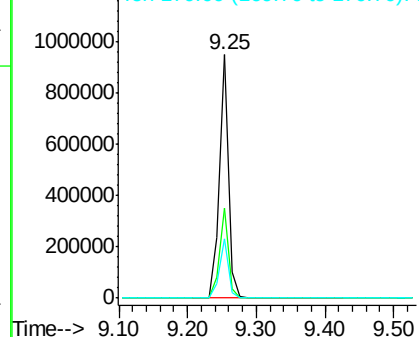


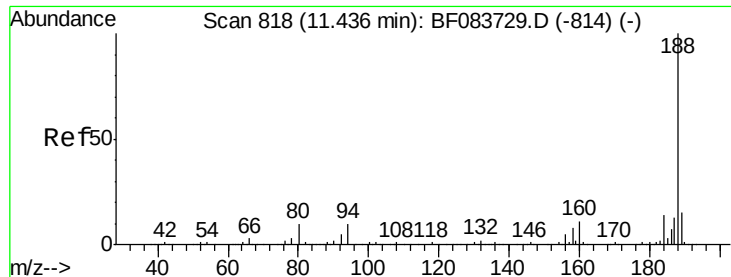
#44
 2-Fluorobiphenyl
 Concen: 54.60 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083871.D
 Acq: 17 Dec 2015 6:48

Tgt Ion:172 Resp: 899159
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 42.8
 170 24.5 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

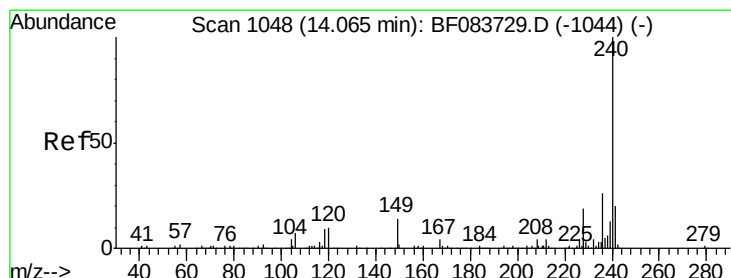
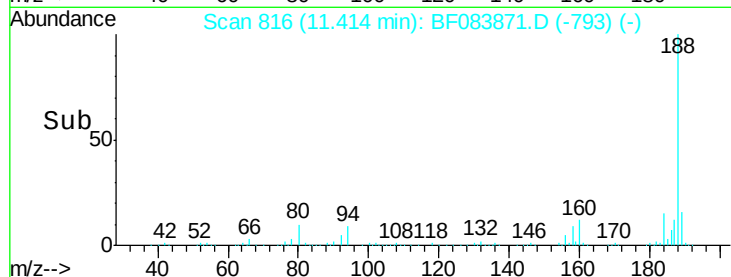
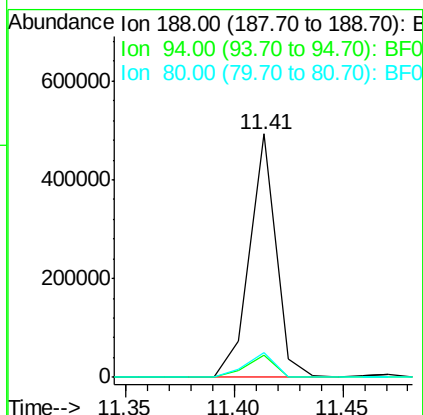
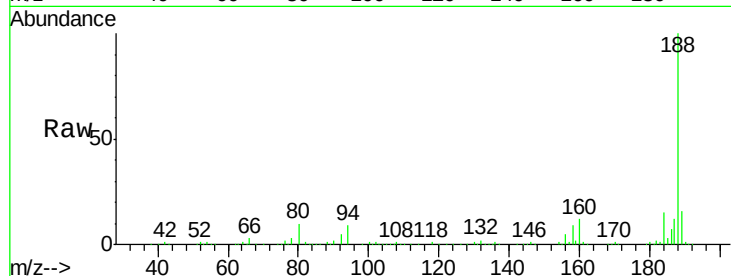




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF083871.D
Acq: 17 Dec 2015 6:48

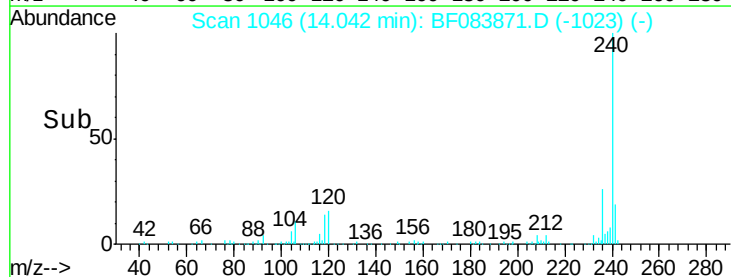
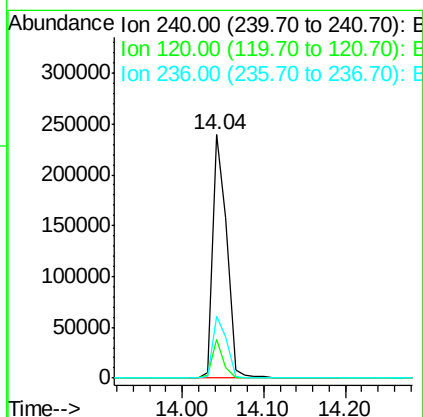
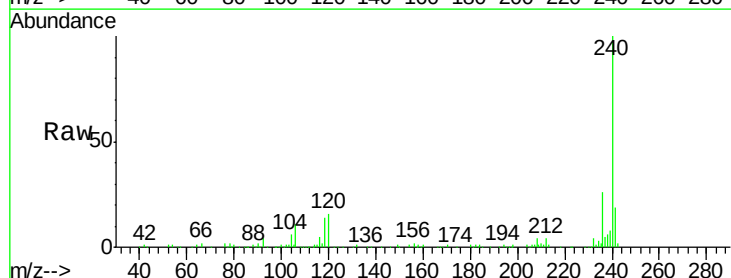
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874

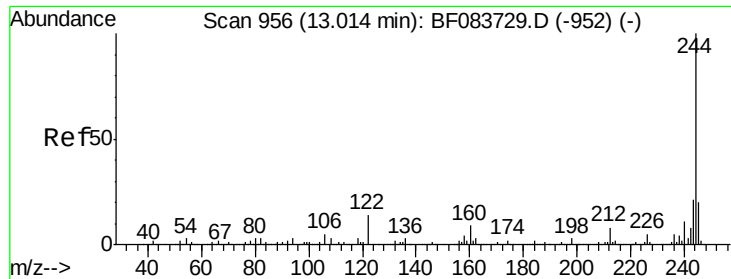
Tot Ion:188 Resp: 417551
Ion Ratio Lower Upper
188 100
94 9.1 9.4 14.2#
80 9.9 10.6 16.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083871.D
Acq: 17 Dec 2015 6:48

Tgt Ion:240 Resp: 287385
Ion Ratio Lower Upper
240 100
120 15.8 8.1 12.1#
236 25.6 20.8 31.2

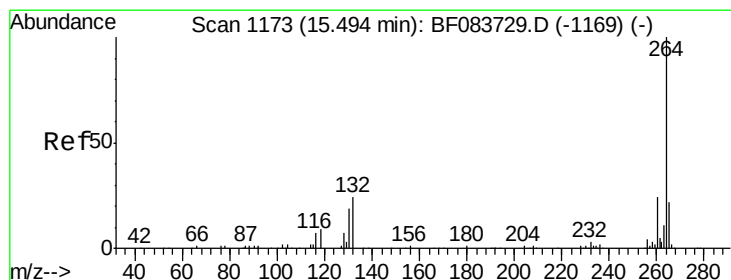
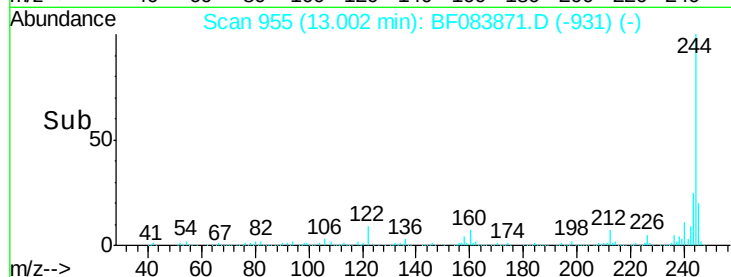
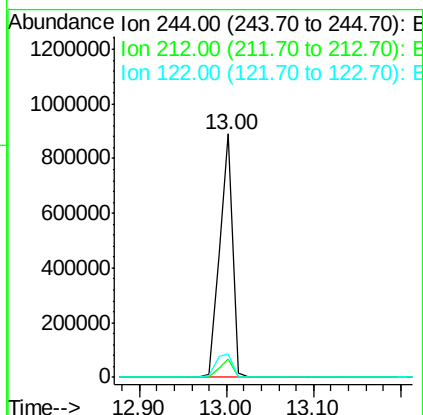
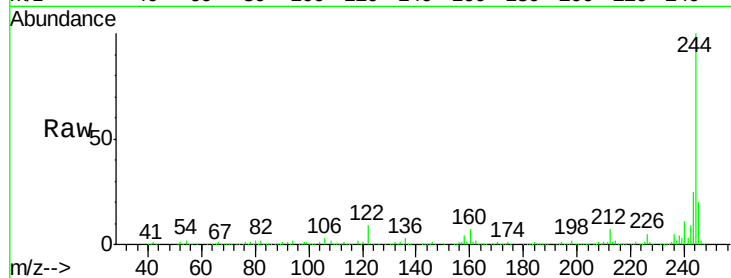




#78
 Terphenyl-d14
 Concen: 70.85 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083871.D
 Acq: 17 Dec 2015 6:48

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874

Tot Ion:244 Resp: 946571
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.4 11.0 16.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083871.D
 Acq: 17 Dec 2015 6:48

Tgt Ion:264 Resp: 250315
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 21.5 17.8 26.6

