

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088939.D
 Acq On : 13 Jul 2016 00:55
 Operator : UM/SJ
 Sample : H3935-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3-04

Quant Time: Jul 13 05:00:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

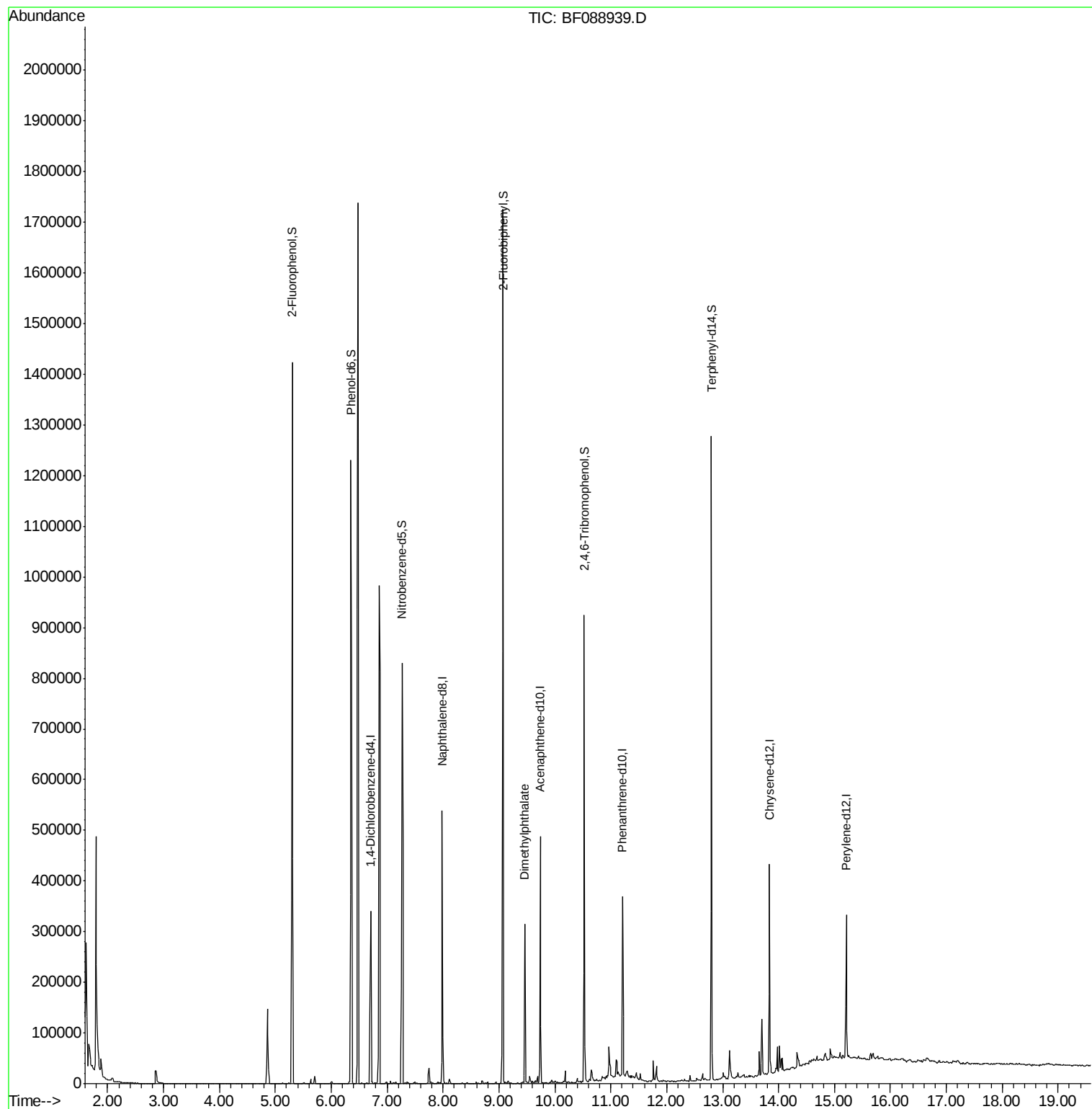
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	59949	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	224438	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	89728	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	130748	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	133652	20.00	ng	-0.01
86) Perylene-d12	15.21	264	110019	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	445773	111.44	ng	0.01
7) Phenol-d6	6.35	99	629073	121.71	ng	0.00
23) Nitrobenzene-d5	7.27	82	362608	84.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	90031	108.05	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	616163	108.47	ng	0.00
78) Terphenyl-d14	12.80	244	354929	59.15	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	106561	16.67	ng	100

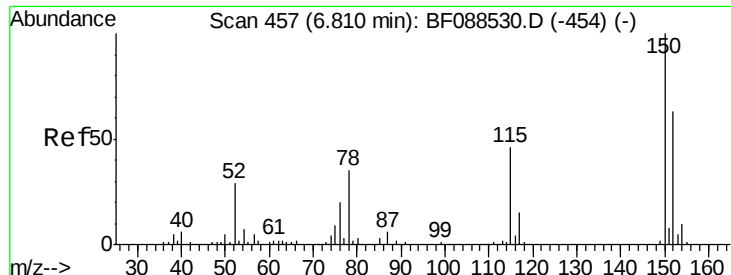
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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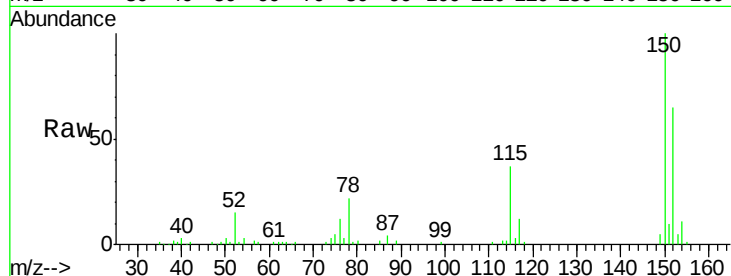


#1

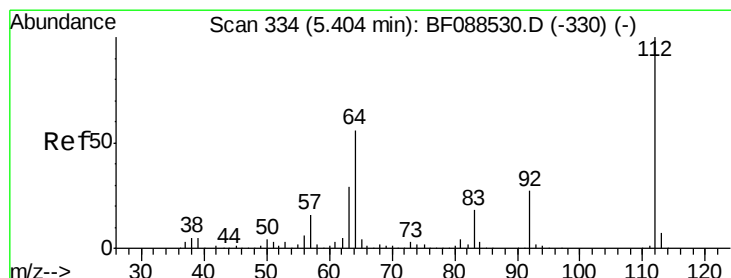
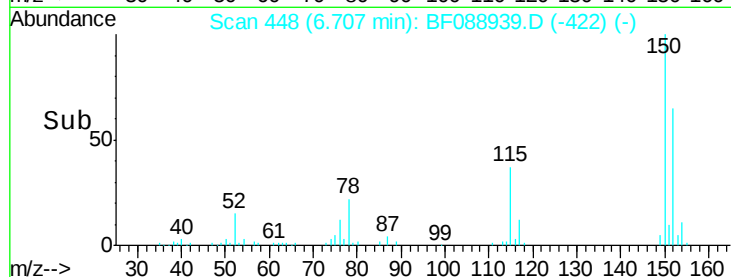
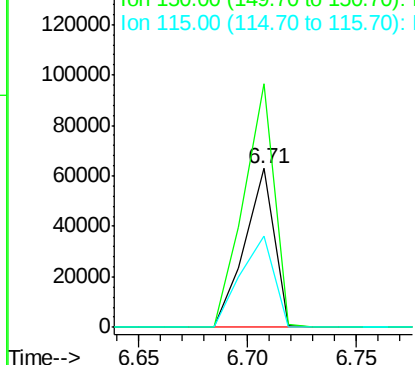
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
C3-04

Tot Ion:152 Resp: 59949
Ion Ratio Lower Upper
152 100
150 153.3 123.8 185.6
115 57.3 39.6 59.4



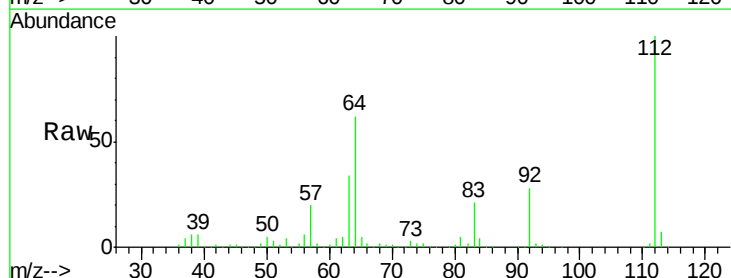
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



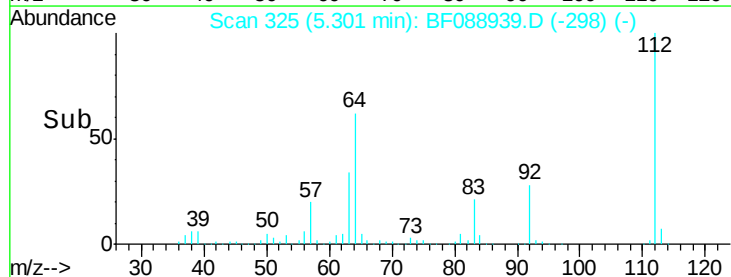
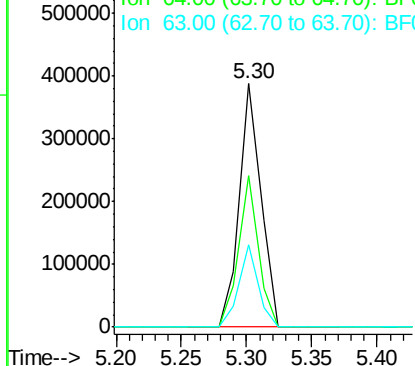
#5

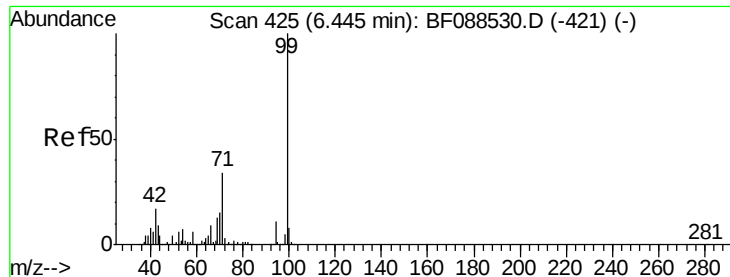
2-Fluorophenol
Concen: 111.44 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.01 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Tgt Ion:112 Resp: 445773
Ion Ratio Lower Upper
112 100
64 62.4 42.2 63.2
63 33.8 21.8 32.8#



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: 121.71 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

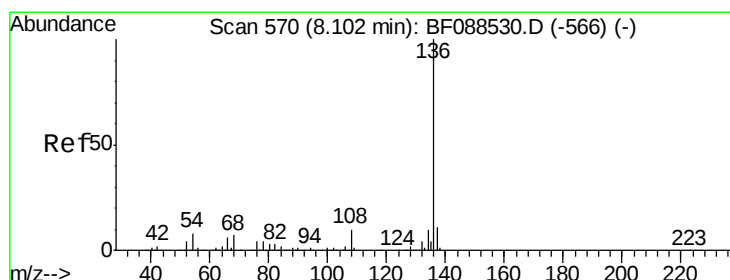
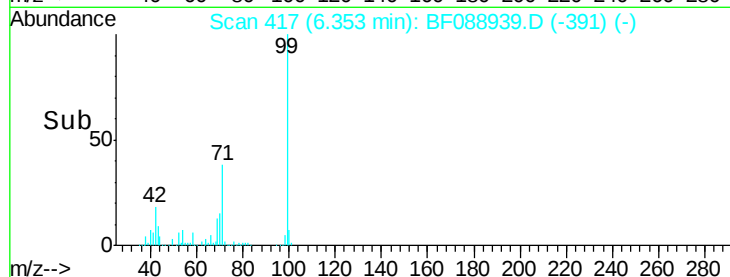
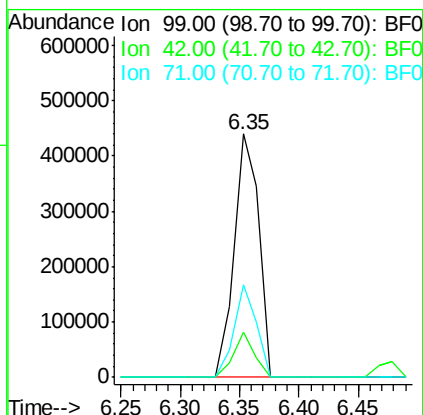
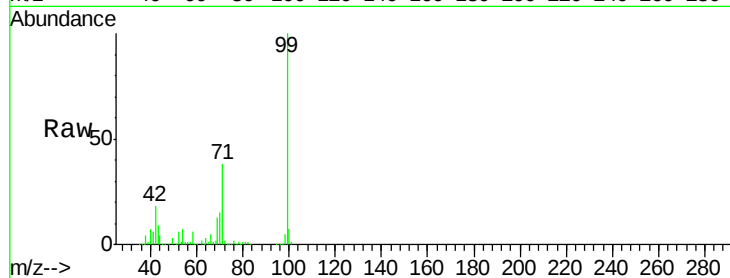
Tot Ion: 99 Resp: 629073

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 38.0 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Tgt Ion: 136 Resp: 224438

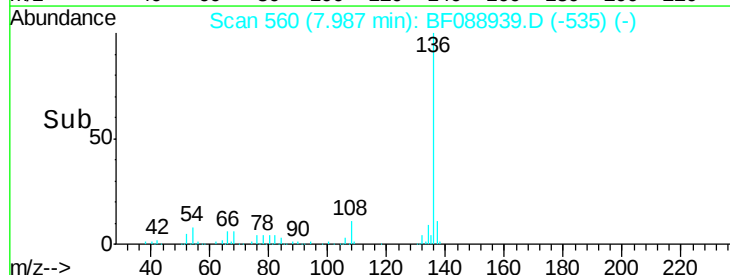
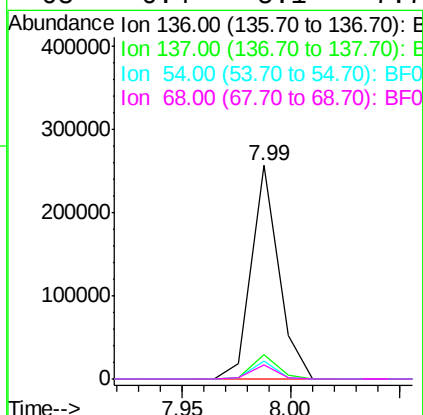
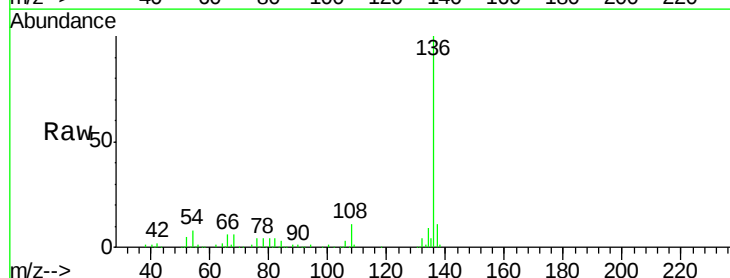
Ion Ratio Lower Upper

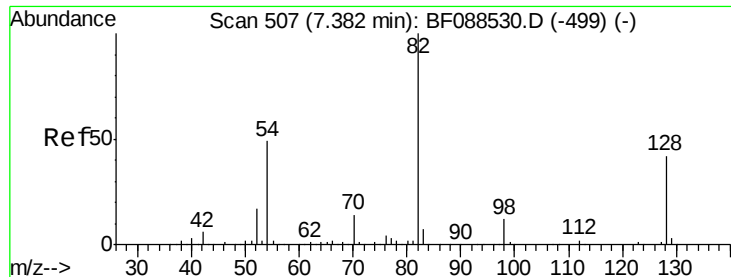
136 100

137 11.2 9.1 13.7

54 8.3 6.6 10.0

68 6.4 5.1 7.7

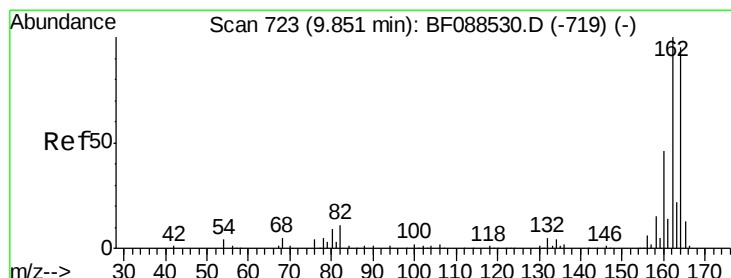
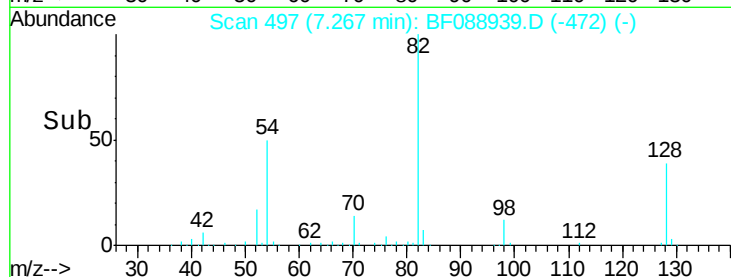
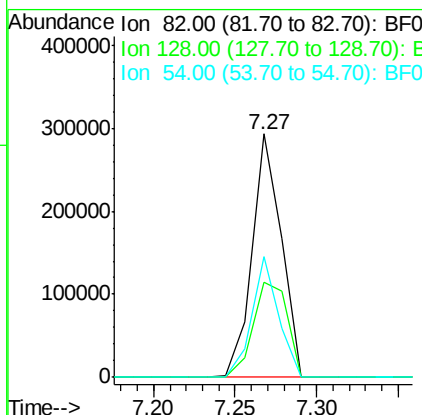
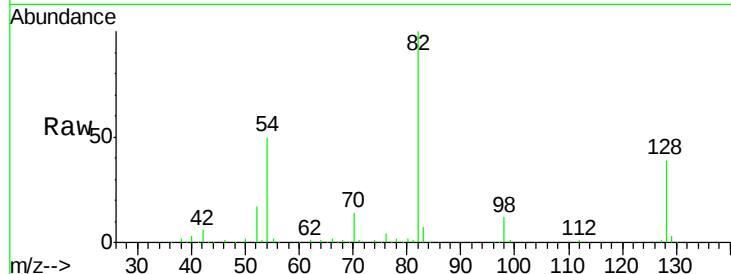




#23
Nitrobenzene-d5
Concen: 84.67 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

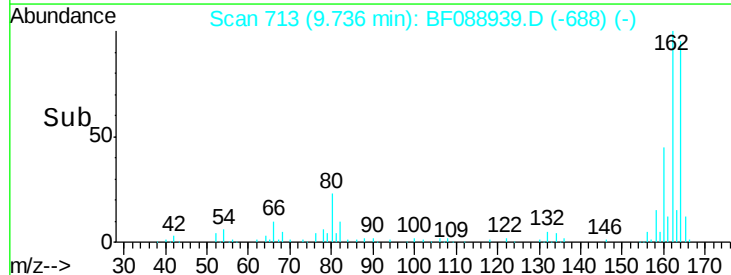
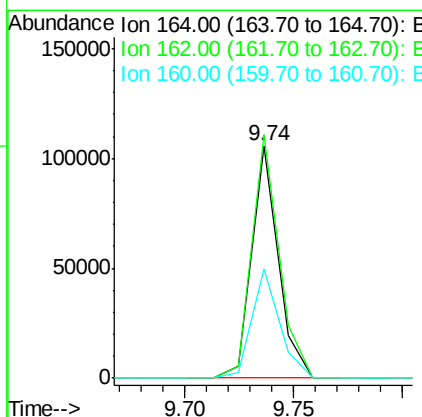
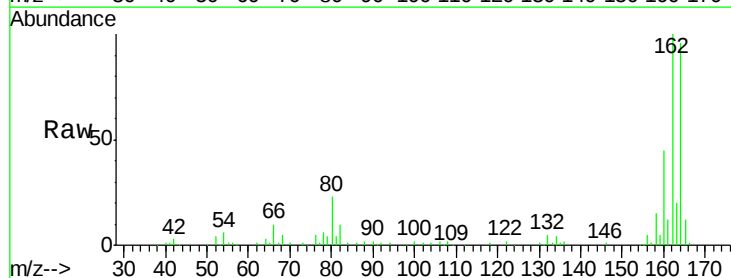
Instrument :
BNA_F
ClientSampled :
C3-04

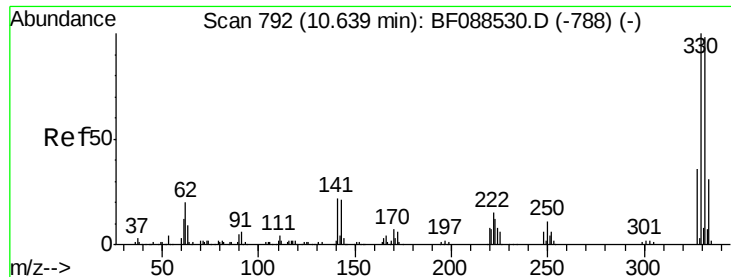
Tot Ion: 82 Resp: 362608
Ion Ratio Lower Upper
82 100
128 39.2 35.9 53.9
54 49.5 40.9 61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Tgt Ion:164 Resp: 89728
Ion Ratio Lower Upper
164 100
162 104.7 85.4 128.2
160 46.9 39.5 59.3

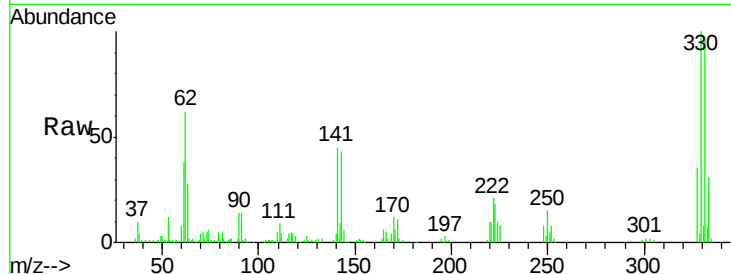




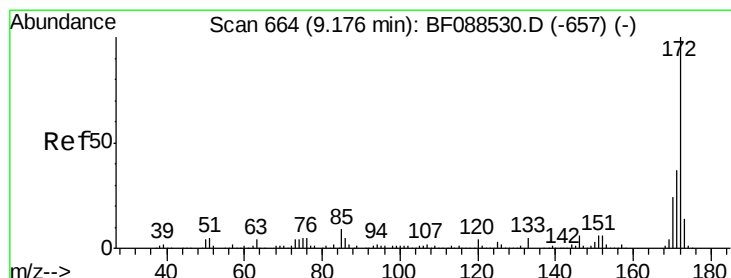
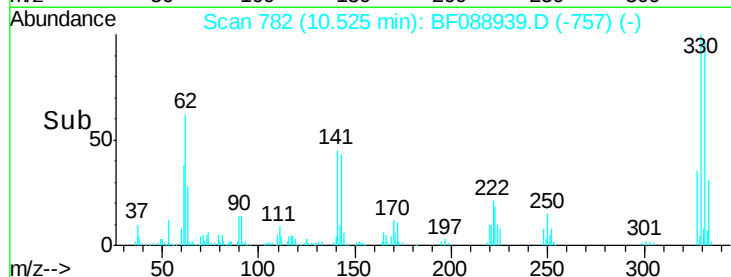
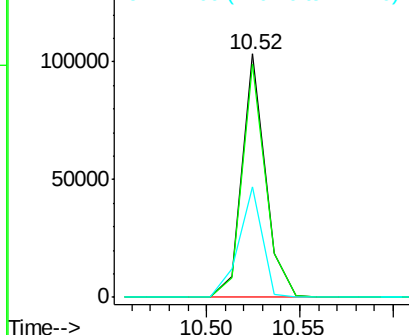
#41
 2,4,6-Tribromophenol
 Concen: 108.05 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088939.D
 Acq: 13 Jul 2016 00:55

Instrument :
 BNA_F
 ClientSampleId :
 C3-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	45.7	0.0	0.0#

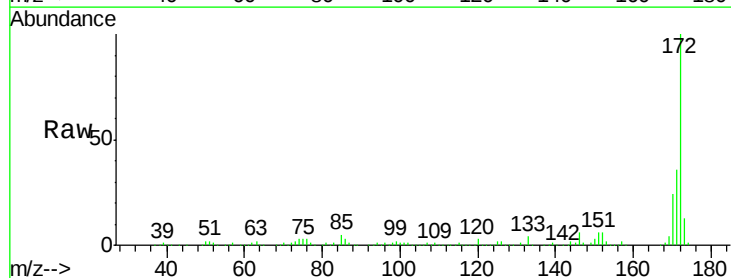


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

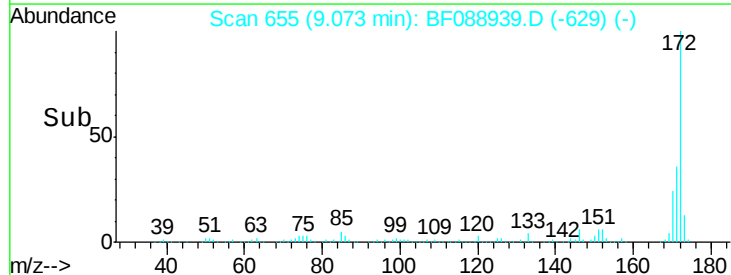
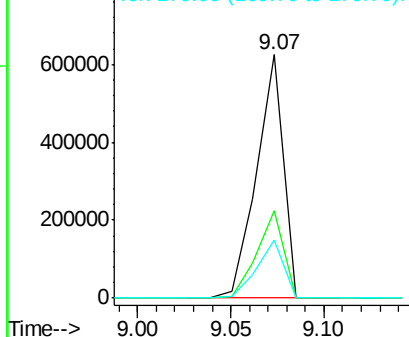


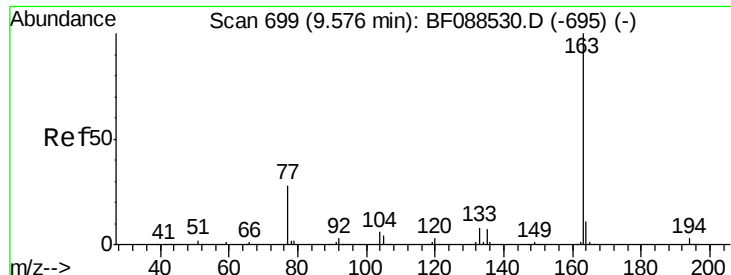
#44
 2-Fluorobiphenyl
 Concen: 108.47 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088939.D
 Acq: 13 Jul 2016 00:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
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





#49

Dimethylphthalate

Concen: 16.67 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

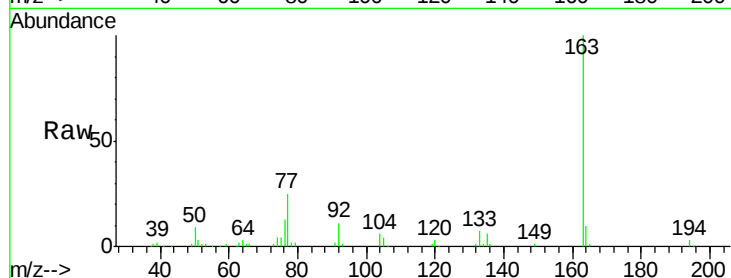
Tot Ion:163 Resp: 106561

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

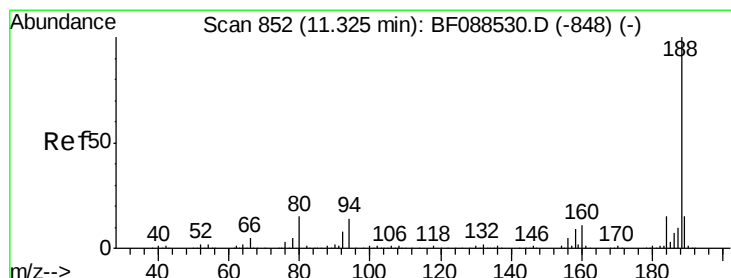
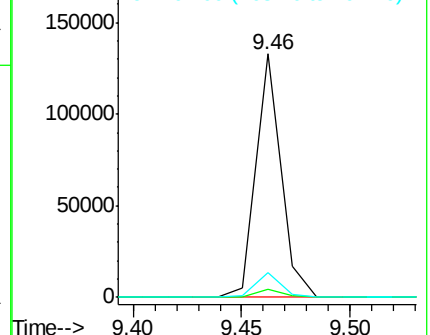
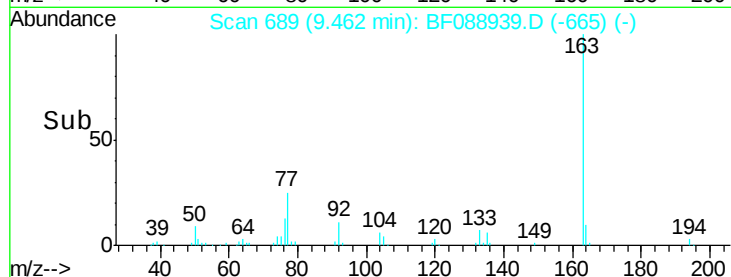
164 10.3 8.3 12.5



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: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

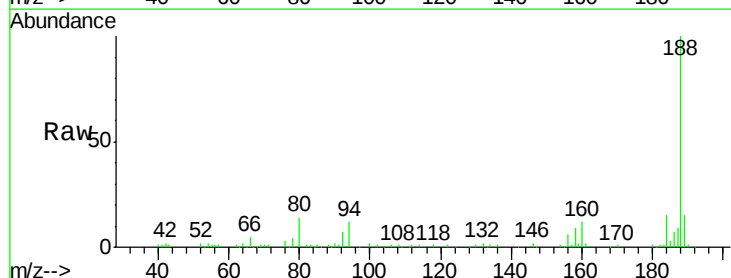
Tgt Ion:188 Resp: 130748

Ion Ratio Lower Upper

188 100

94 12.0 9.0 13.6

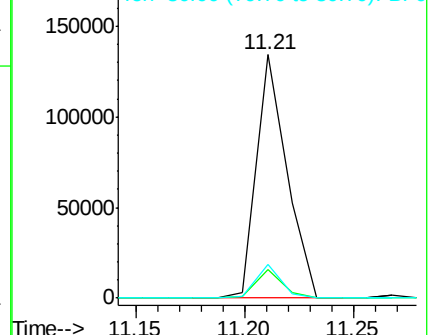
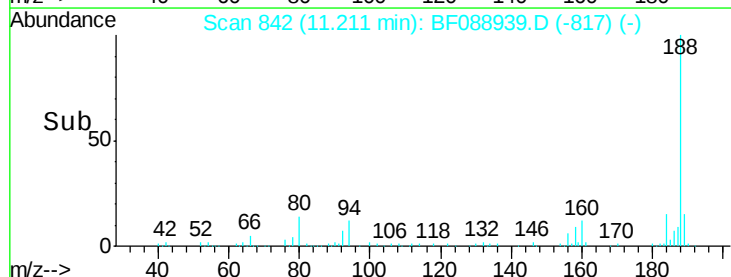
80 14.1 10.0 15.0

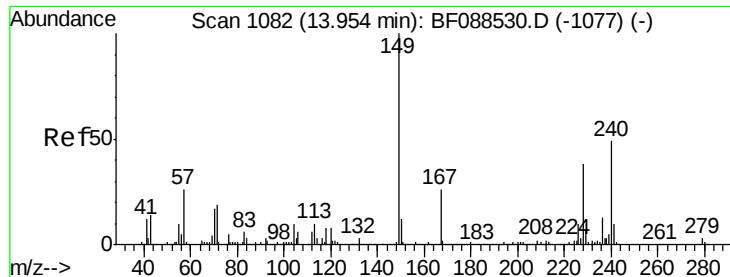


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

Instrument :

BNA_F

ClientSampleId :

C3-04

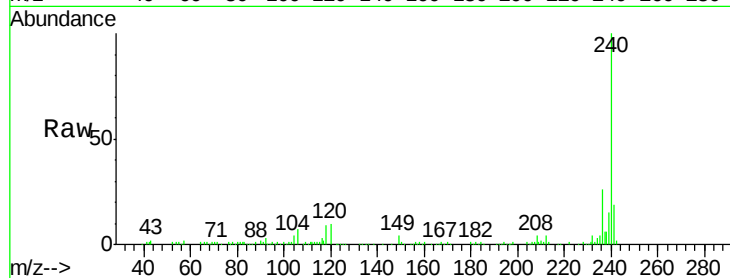
Tot Ion:240 Resp: 133652

Ion Ratio Lower Upper

240 100

120 9.7 6.8 10.2

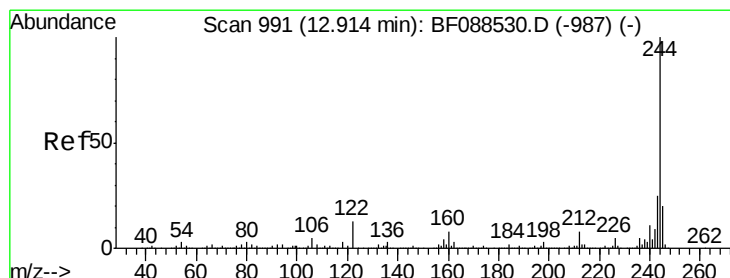
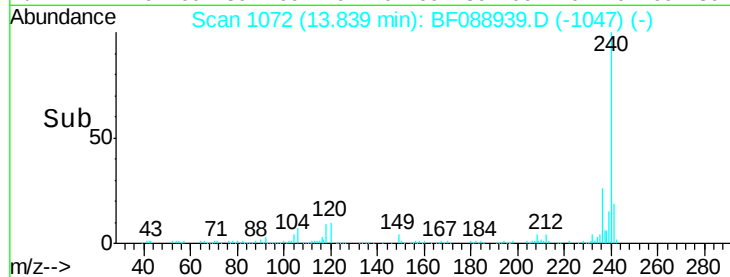
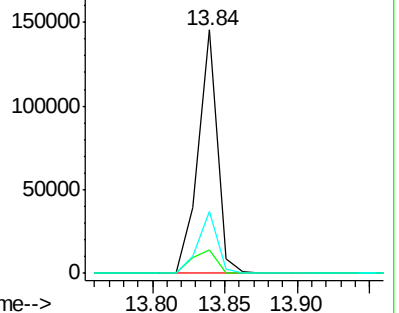
236 25.6 20.2 30.2



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: 59.15 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088939.D

Acq: 13 Jul 2016 00:55

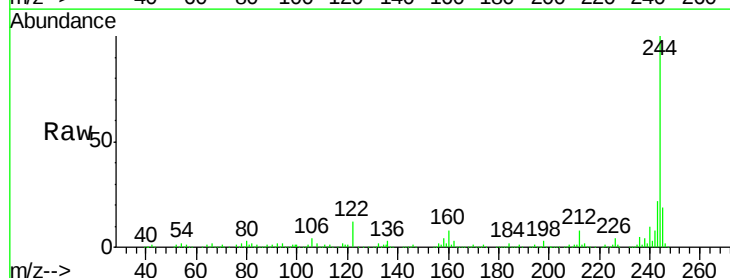
Tgt Ion:244 Resp: 354929

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

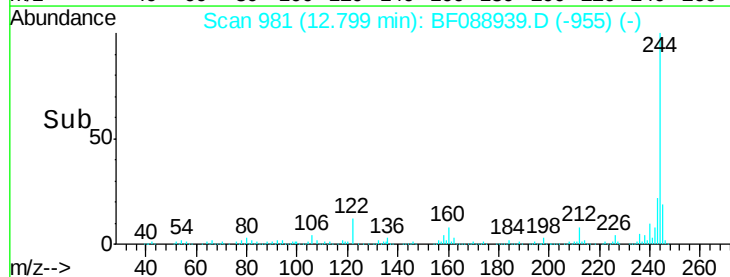
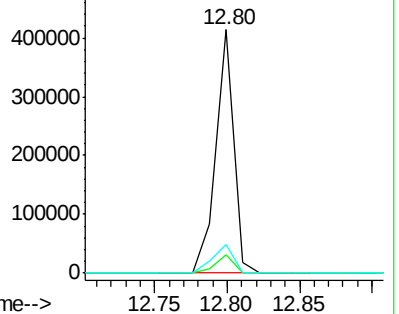
122 12.0 11.2 16.8

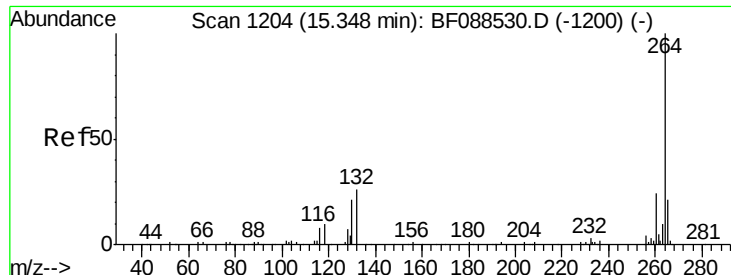


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

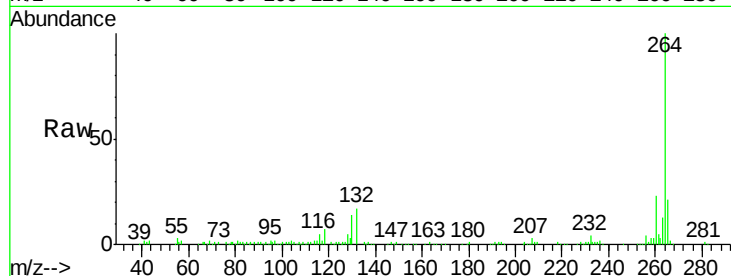




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088939.D
Acq: 13 Jul 2016 00:55

Instrument :
BNA_F
ClientSampleId :
C3-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	16.9	25.3



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

