

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088838.D
 Acq On : 8 Jul 2016 21:52
 Operator : UM/SJ
 Sample : H3813-08MSD 50X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 23:23:41 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

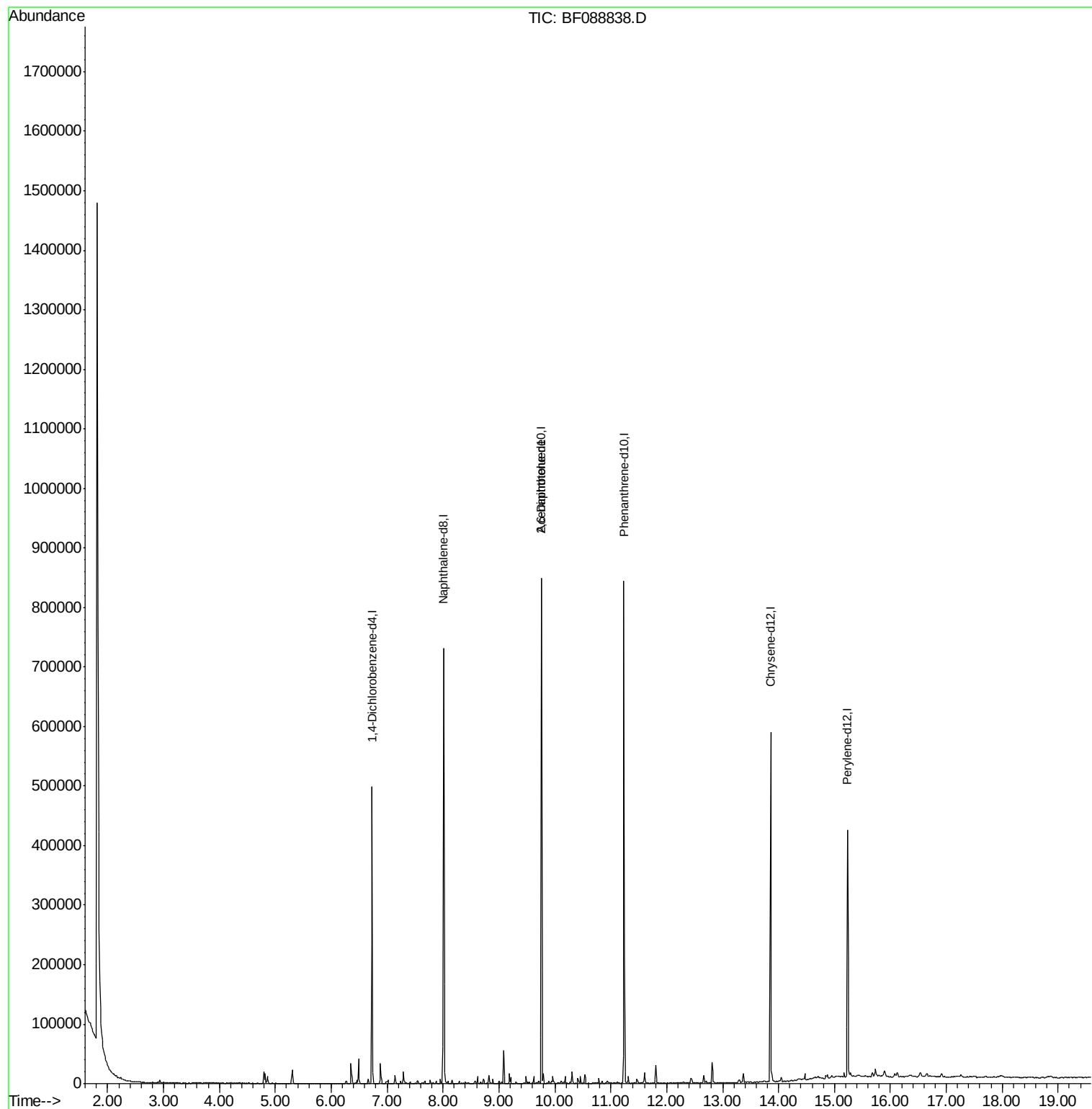
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	84865	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	323904	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	159110	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	293685	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	216012	20.00	ng	-0.01
86) Perylene-d12	15.23	264	176615	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	9215	1.63	ng	-0.02
7) Phenol-d6	6.35	99	13245	1.81	ng	-0.02
23) Nitrobenzene-d5	7.29	82	8151	1.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	2541	1.72	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	17502	1.74	ng	-0.01
78) Terphenyl-d14	12.81	244	14921	1.54	ng	-0.01
Target Compounds						Qvalue
50) 2,6-Dinitrotoluene	9.76	165	20525	8.17	ng	# 40

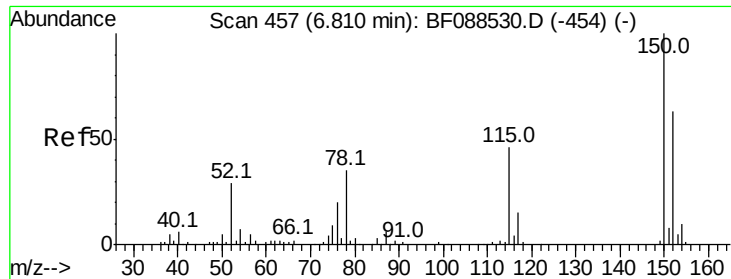
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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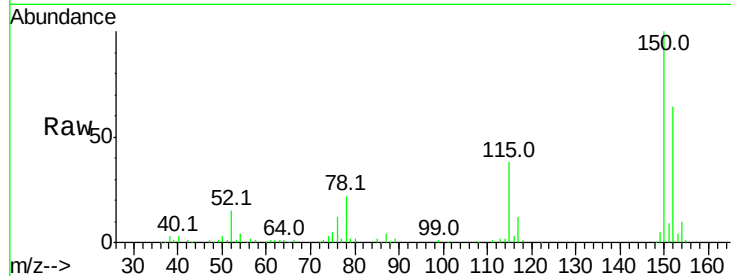


#1

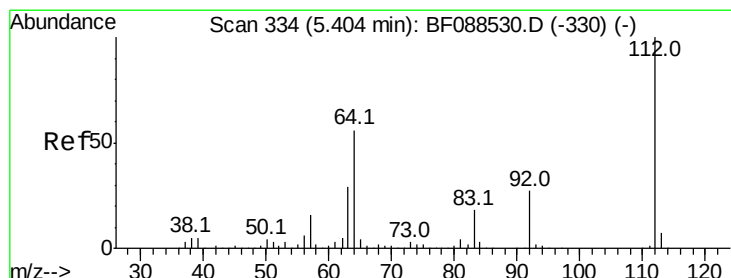
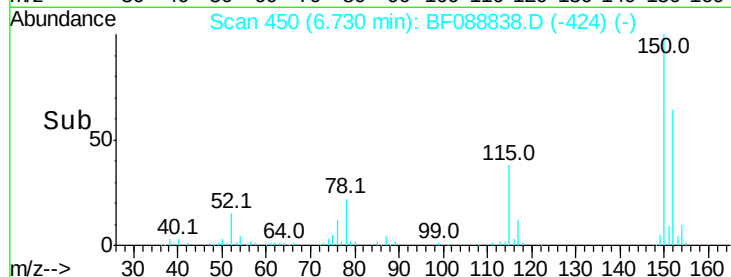
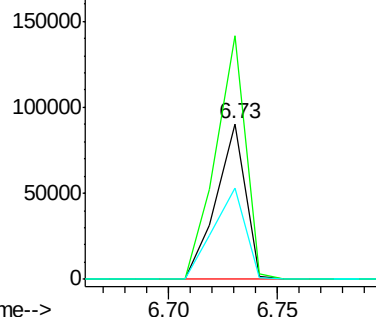
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF088838.D
Acq: 8 Jul 2016 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 84865
Ion Ratio Lower Upper
152 100
150 156.6 123.8 185.6
115 58.7 39.6 59.4



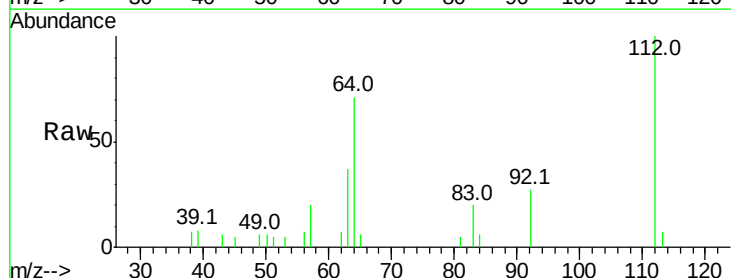
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



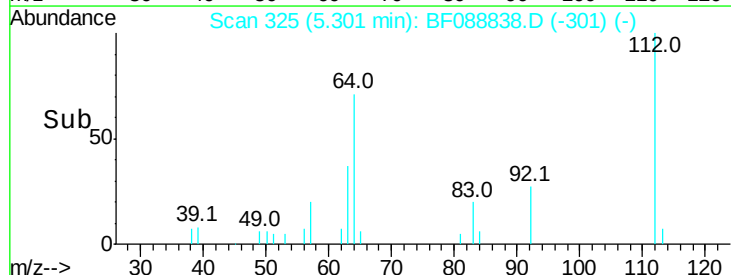
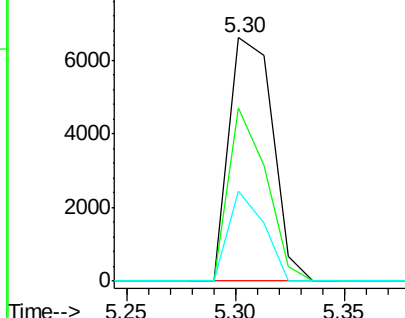
#5

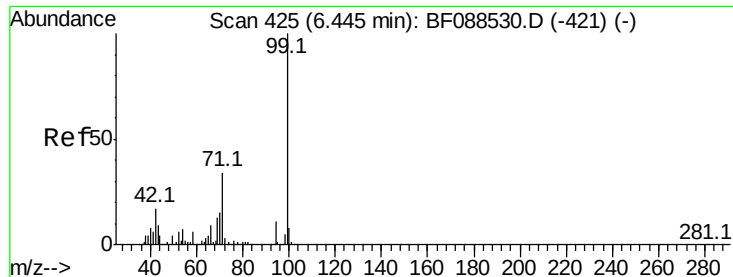
2-Fluorophenol
Concen: 1.63 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF088838.D
Acq: 8 Jul 2016 21:52

Tgt Ion:112 Resp: 9215
Ion Ratio Lower Upper
112 100
64 71.3 42.2 63.2#
63 37.2 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: 1.81 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF088838.D

Acq: 8 Jul 2016 21:52

Instrument :

BNA_F

ClientSampleId :

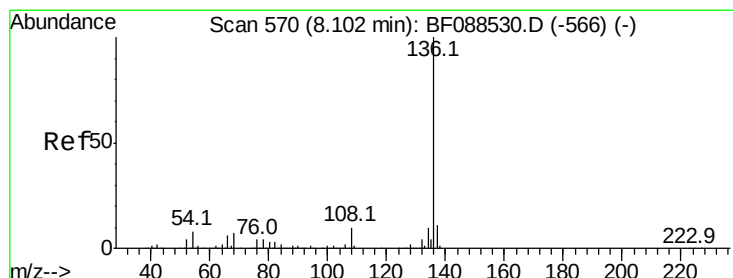
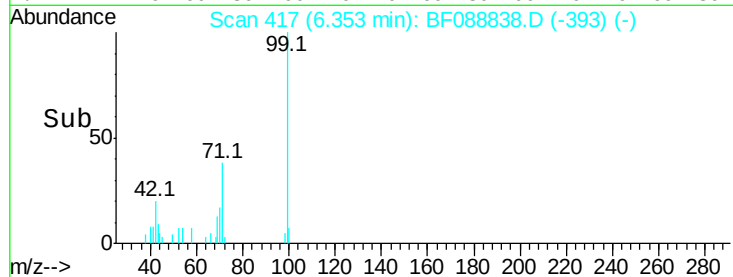
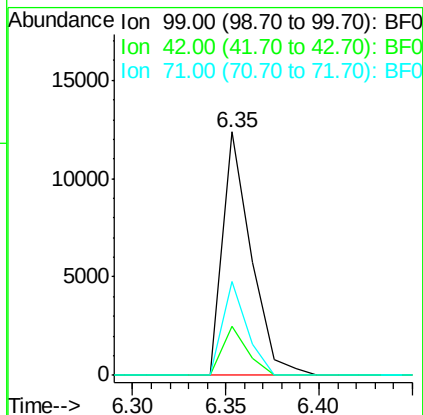
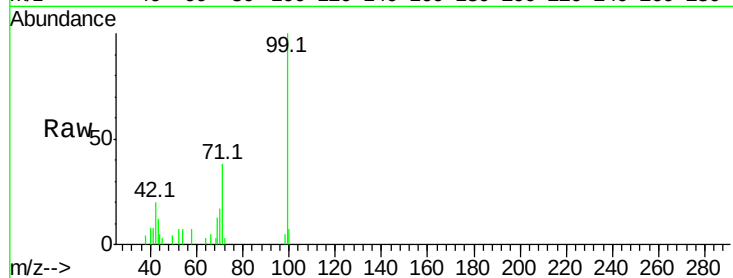
Tot Ion: 99 Resp: 13245

Ion Ratio Lower Upper

99 100

42 20.3 12.2 18.2#

71 38.4 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088838.D

Acq: 8 Jul 2016 21:52

Tgt Ion: 136 Resp: 323904

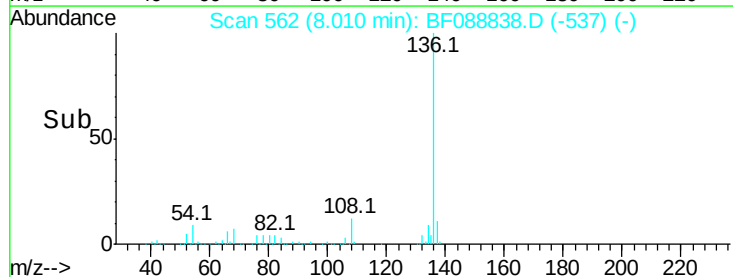
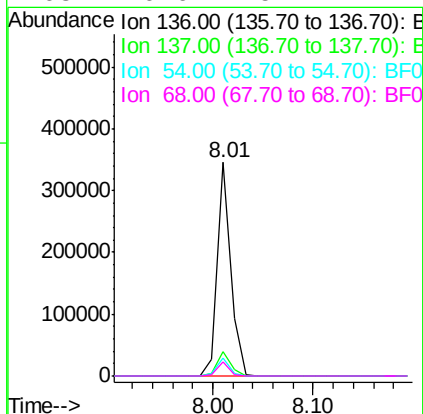
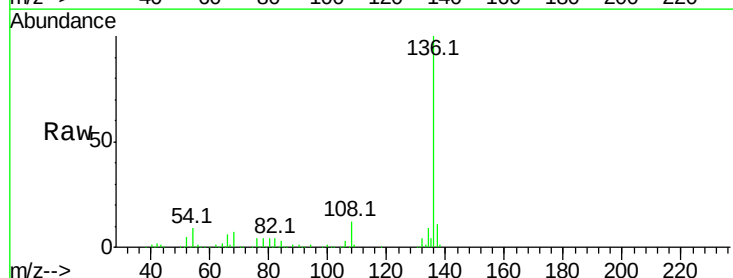
Ion Ratio Lower Upper

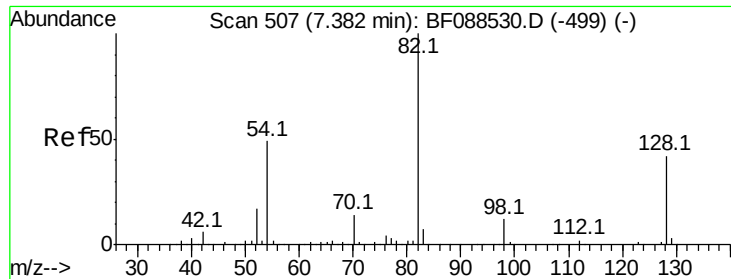
136 100

137 11.2 9.1 13.7

54 8.5 6.6 10.0

68 6.6 5.1 7.7

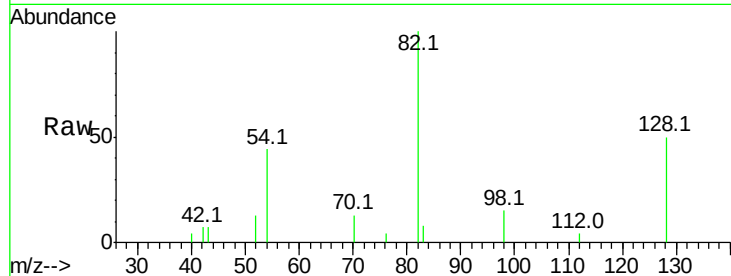




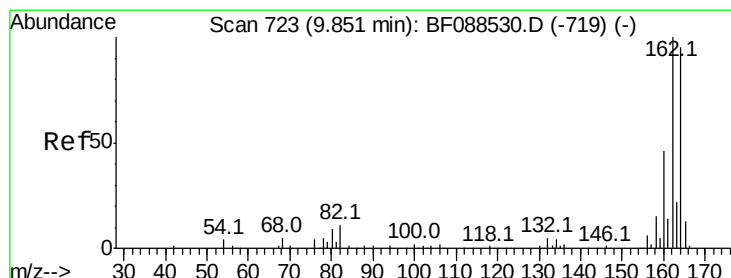
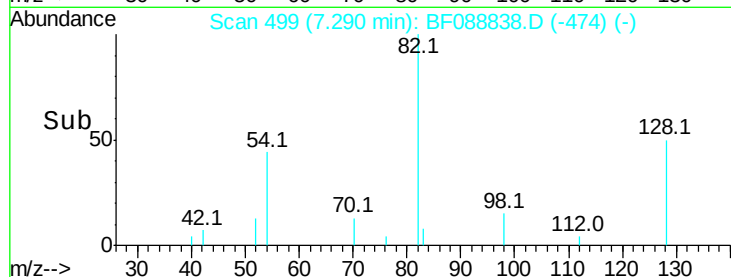
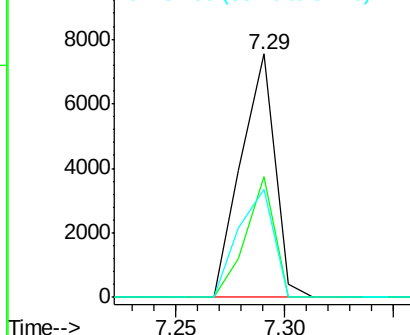
#23
Nitrobenzene-d5
Concen: 1.32 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF088838.D
Acq: 8 Jul 2016 21:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 8151
Ion Ratio Lower Upper
82 100
128 49.7 35.9 53.9
54 44.3 40.9 61.3

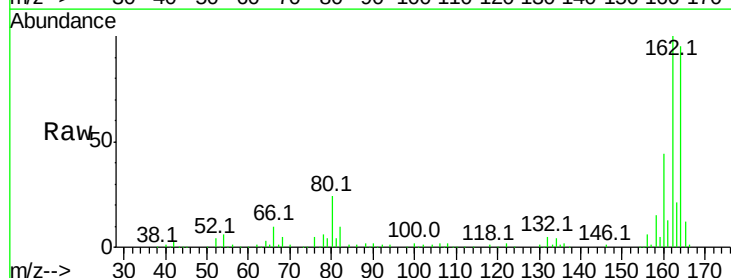


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

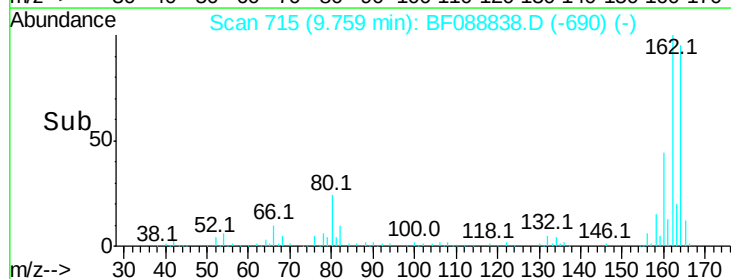
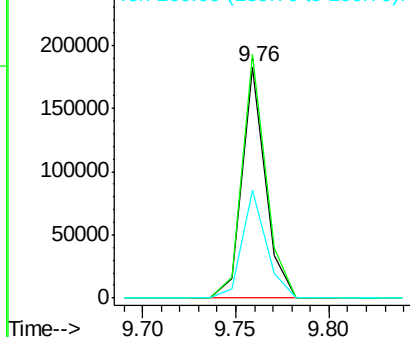


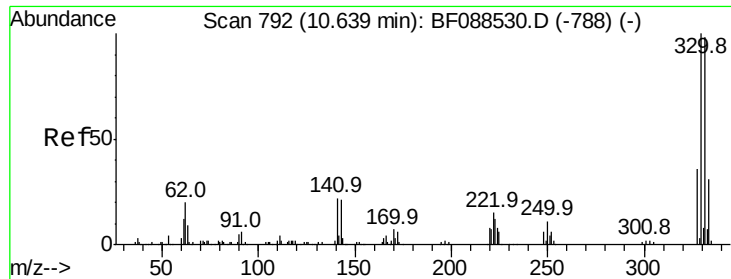
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088838.D
Acq: 8 Jul 2016 21:52

Tgt Ion:164 Resp: 159110
Ion Ratio Lower Upper
164 100
162 105.4 85.4 128.2
160 46.7 39.5 59.3



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

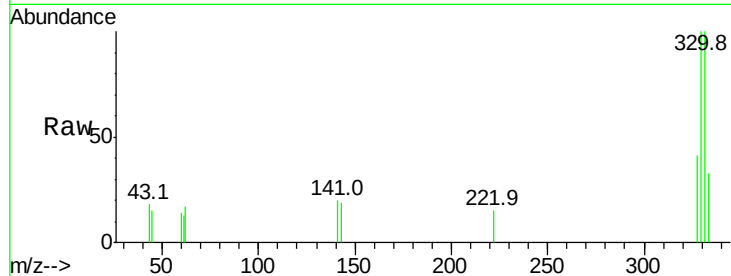




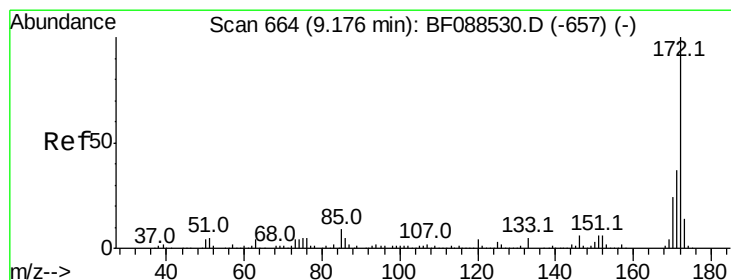
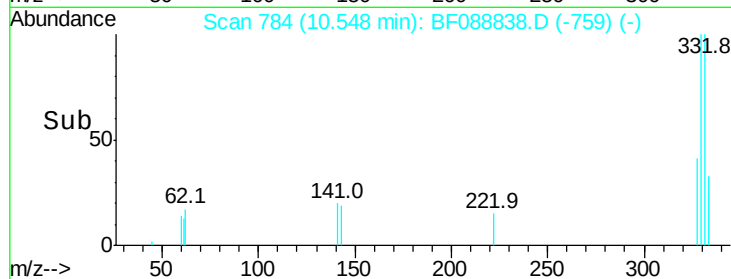
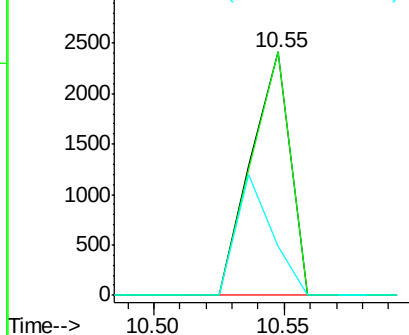
#41
 2,4,6-Tribromophenol
 Concen: 1.72 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088838.D
 Acq: 8 Jul 2016 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 2541
 Ion Ratio Lower Upper
 330 100
 332 98.8 0.0 0.0#
 141 45.6 0.0 0.0#

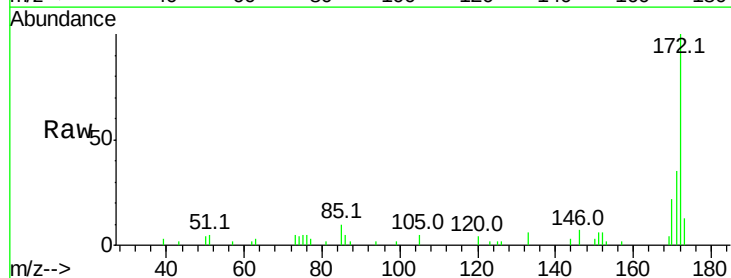


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

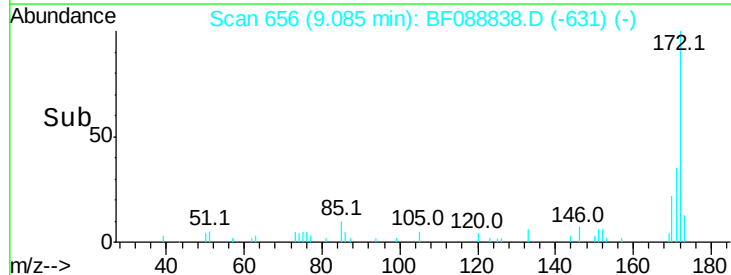
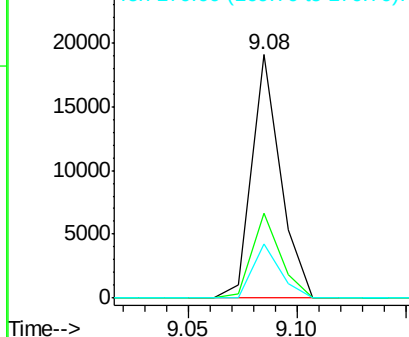


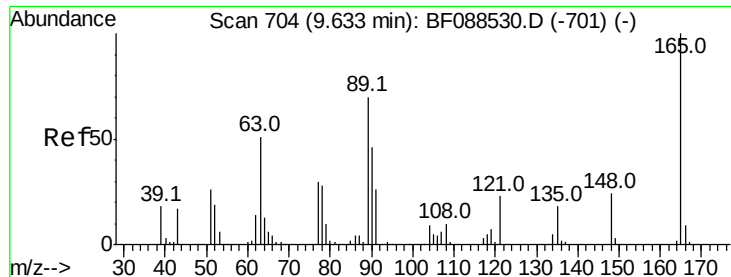
#44
 2-Fluorobiphenyl
 Concen: 1.74 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088838.D
 Acq: 8 Jul 2016 21:52

Tgt Ion:172 Resp: 17502
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 43.0
 170 22.2 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

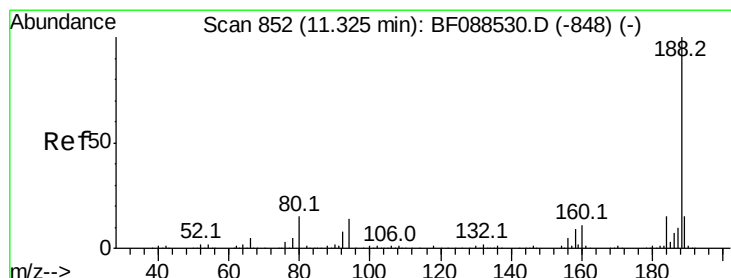
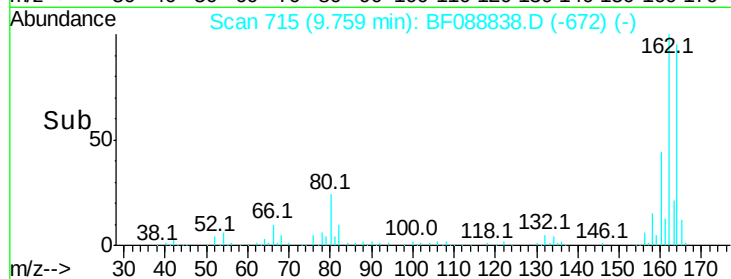
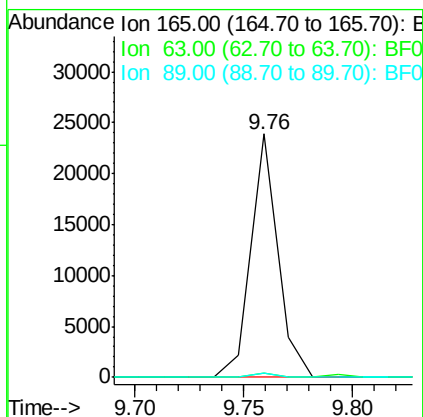
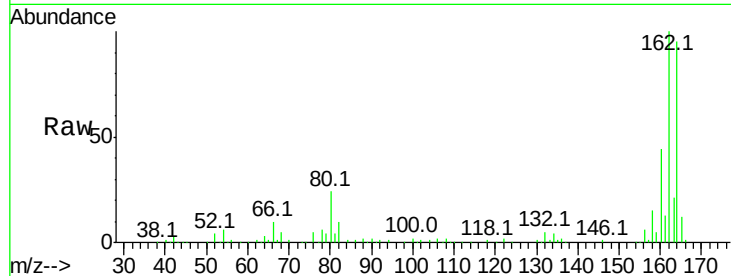




#50
 2,6-Dinitrotoluene
 Concen: 8.17 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.19 min
 Lab File: BF088838.D
 Acq: 8 Jul 2016 21:52

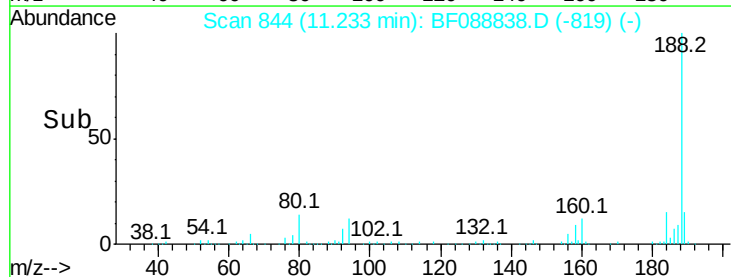
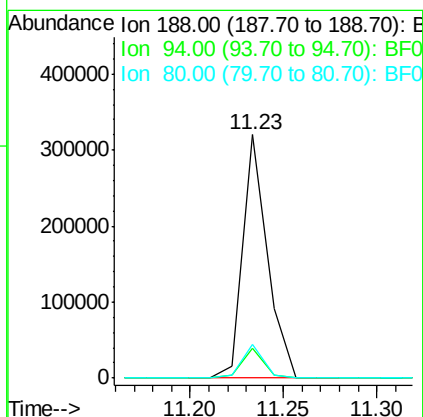
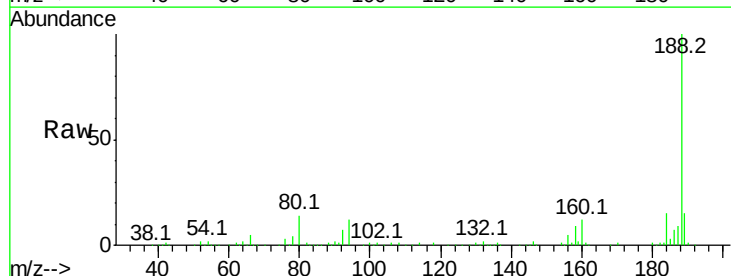
Instrument :
 BNA_F
 ClientSampleId :

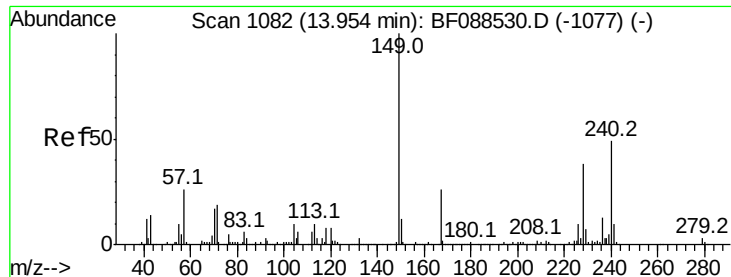
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	28.1	42.1#
89	1.6	32.2	48.2#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF088838.D
 Acq: 8 Jul 2016 21:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.0	13.6
80	13.9	10.0	15.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088838.D

Acq: 8 Jul 2016 21:52

Instrument :

BNA_F

ClientSampleId :

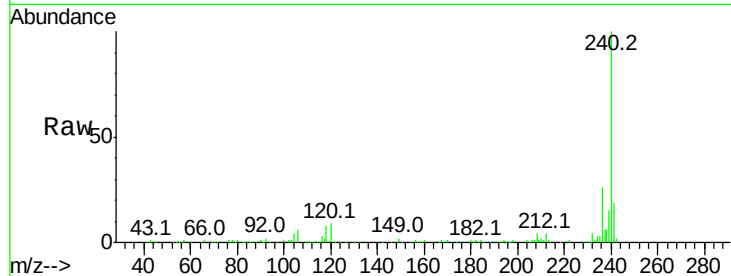
Tot Ion:240 Resp: 216012

Ion Ratio Lower Upper

240 100

120 8.7 6.8 10.2

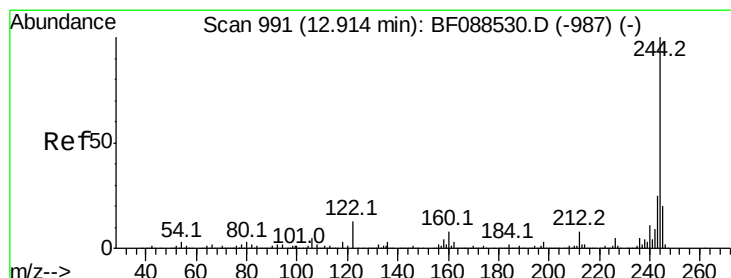
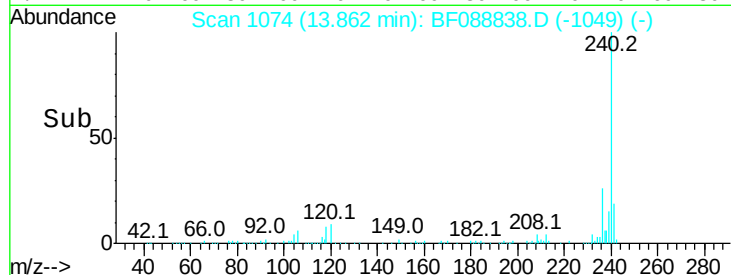
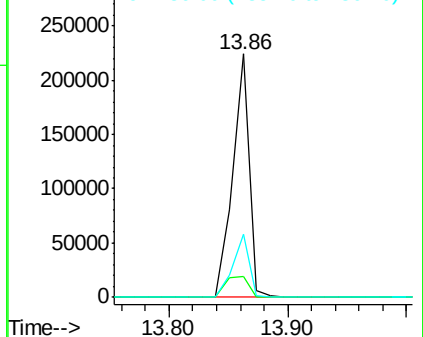
236 25.7 20.2 30.2



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: 1.54 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088838.D

Acq: 8 Jul 2016 21:52

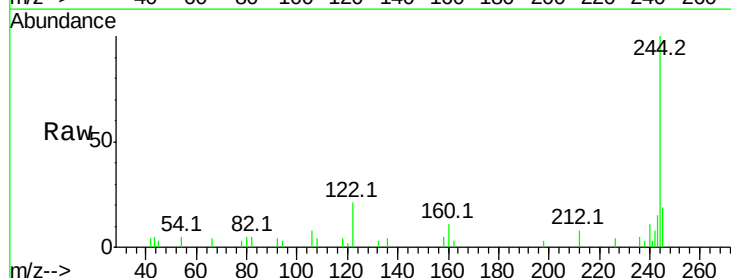
Tgt Ion:244 Resp: 14921

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

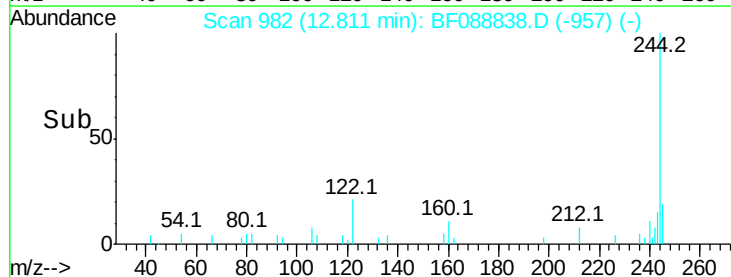
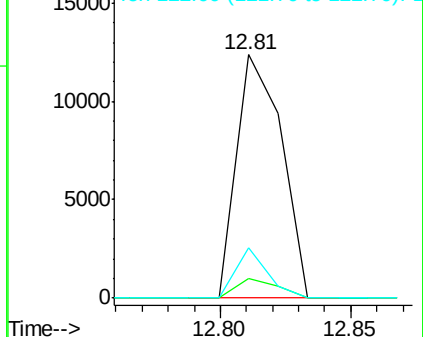
122 20.6 11.2 16.8#

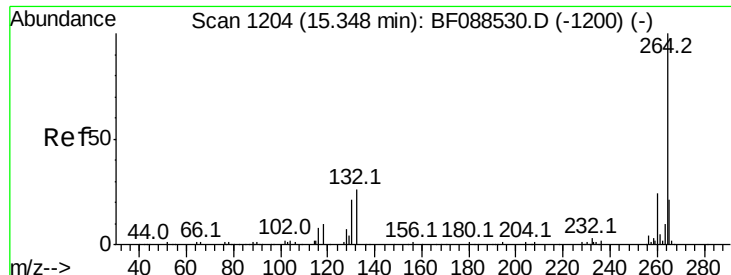


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

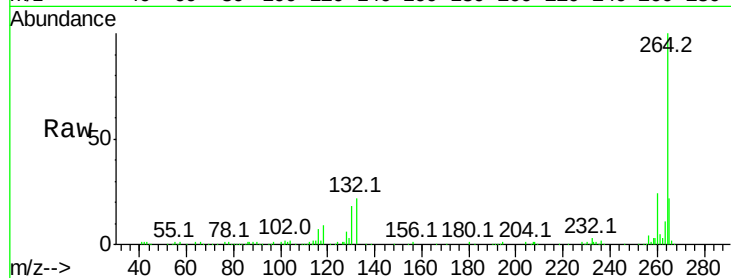




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088838.D
 Acq: 8 Jul 2016 21:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	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

