

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070816\
 Data File : BF088834.D
 Acq On : 8 Jul 2016 19:55
 Operator : UM/SJ
 Sample : H3813-04 50X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 08 23:22:57 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

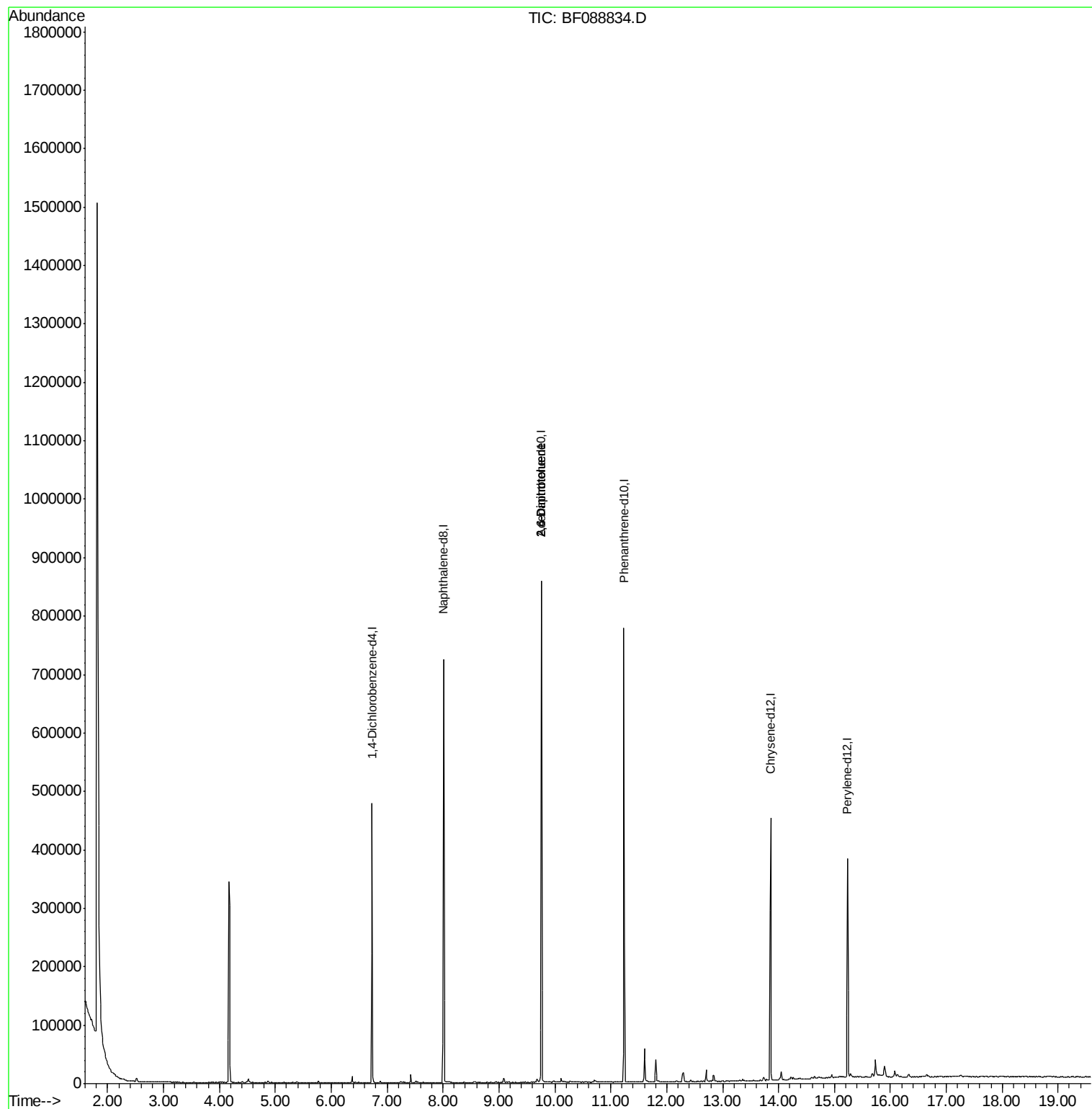
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	82794	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	315332	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	156516	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	288035	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	188096	20.00	ng	-0.01
86) Perylene-d12	15.23	264	157070	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	418	0.08	ng	-0.01
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	7.29	82	680	0.11	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.08	172	1455	0.15	ng	-0.01
78) Terphenyl-d14	12.81	244	1401	0.17	ng	-0.01
Target Compounds						
50) 2,6-Dinitrotoluene	9.76	165	19899	8.05	ng	# 40
56) 2,4-Dinitrotoluene	9.76	165	19899	6.16	ng	# 38

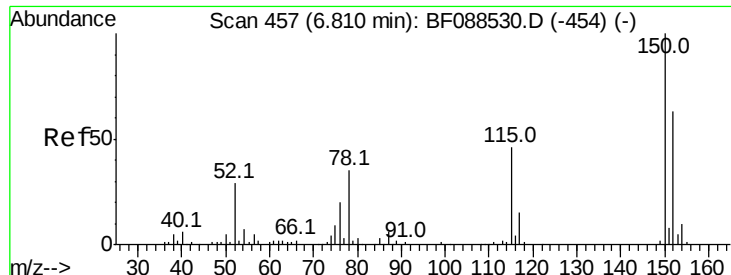
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088834.D

Acq: 8 Jul 2016 19:55

Instrument :

BNA_F

ClientSampleId :

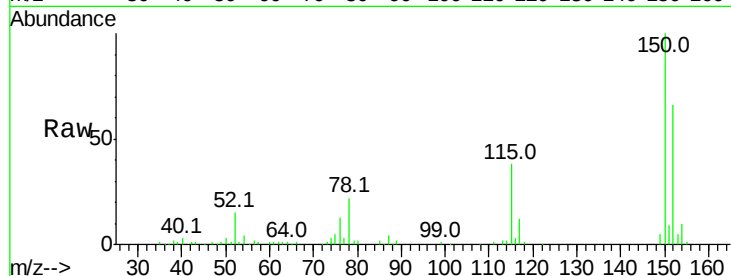
Tot Ion:152 Resp: 82794

Ion Ratio Lower Upper

152 100

150 152.0 123.8 185.6

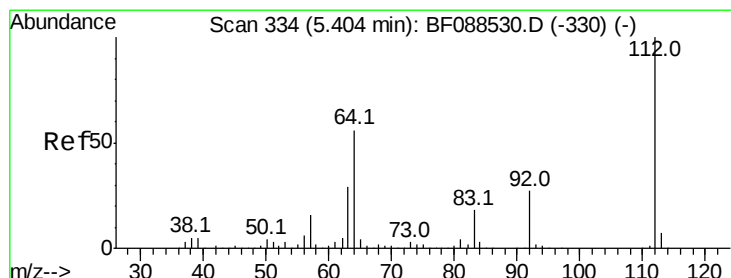
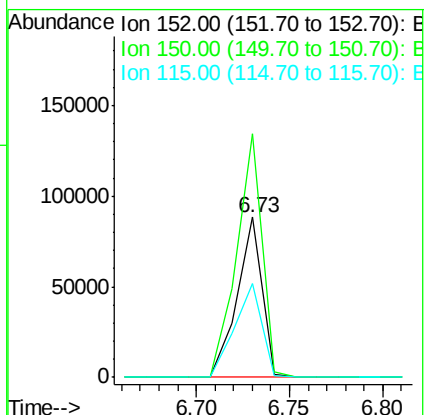
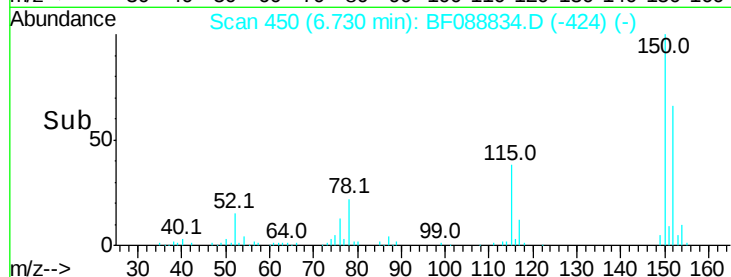
115 58.3 39.6 59.4



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: 0.08 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088834.D

Acq: 8 Jul 2016 19:55

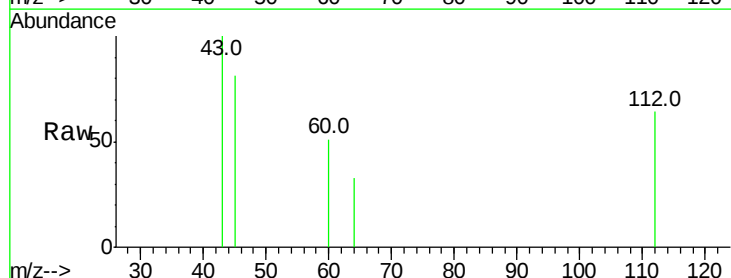
Tgt Ion:112 Resp: 418

Ion Ratio Lower Upper

112 100

64 51.7 42.2 63.2

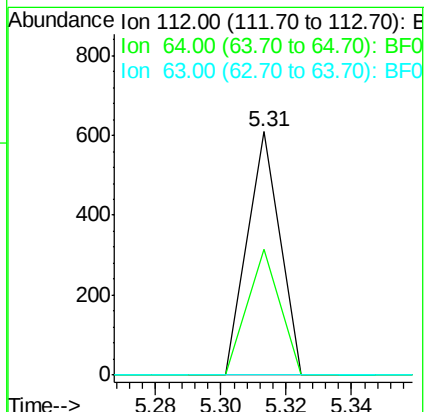
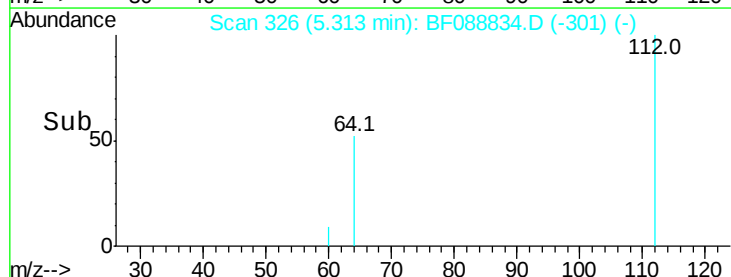
63 0.0 21.8 32.8#

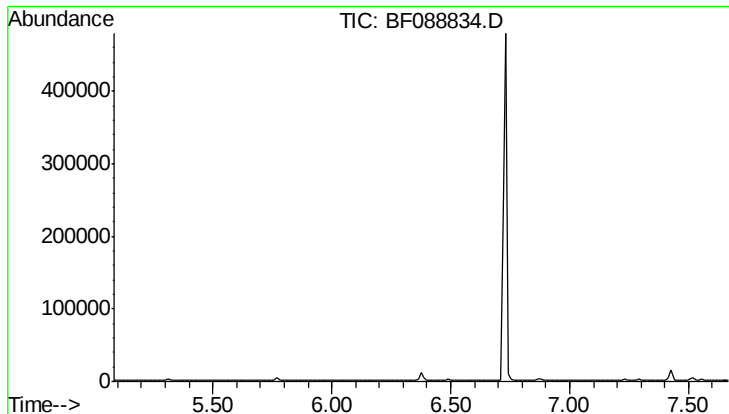


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

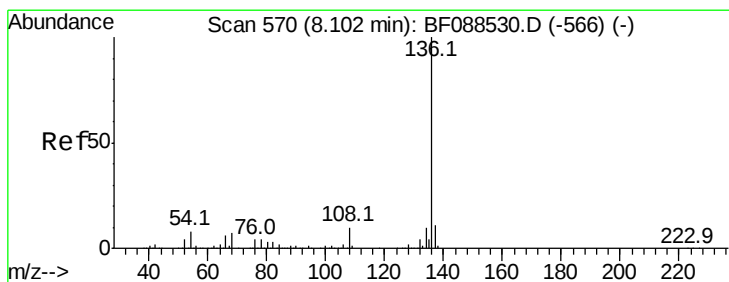
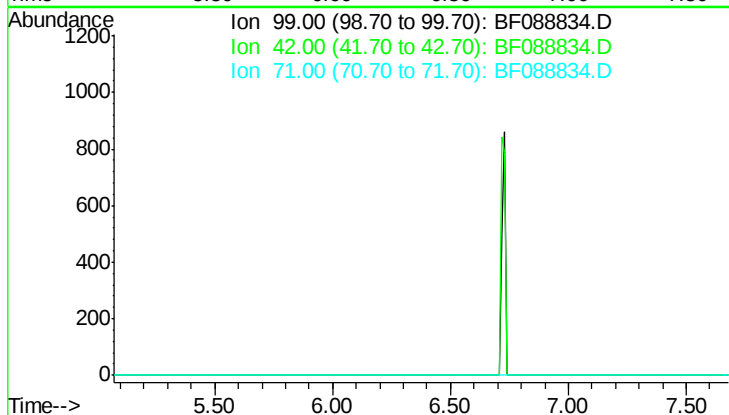




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.38 min
 Lab File: BF088834.D
 Acq: 8 Jul 2016 19:55

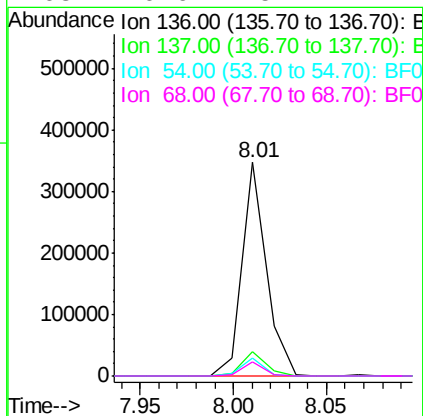
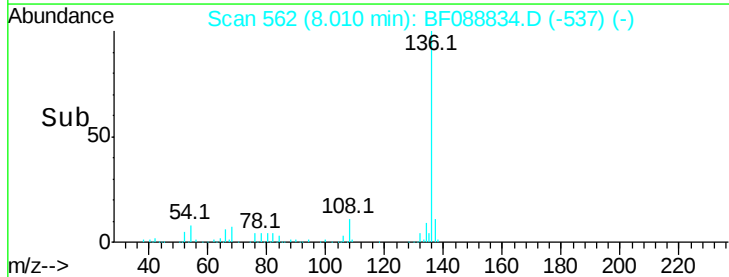
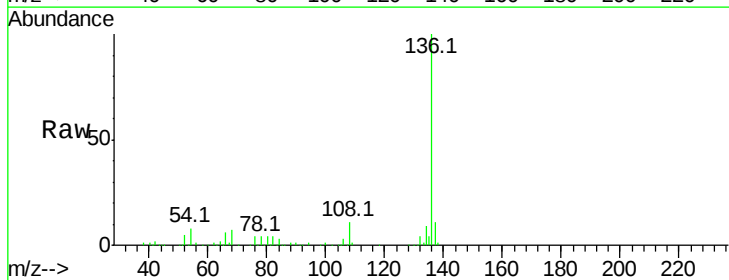
Instrument :
 BNA_F
 ClientSampleId :

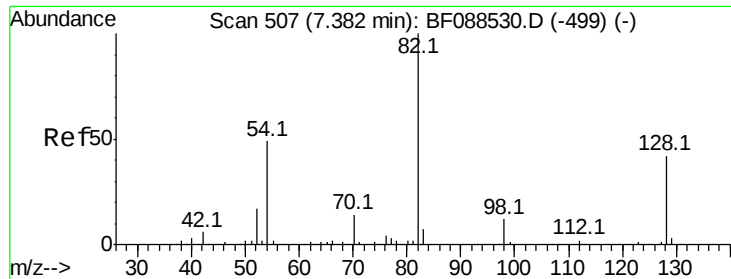
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 15.2
 71 29.2



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: BF088834.D
 Acq: 8 Jul 2016 19:55

Tgt Ion: 136 Resp: 315332
 Ion Ratio Lower Upper
 136 100
 137 11.3 9.1 13.7
 54 8.3 6.6 10.0
 68 6.6 5.1 7.7

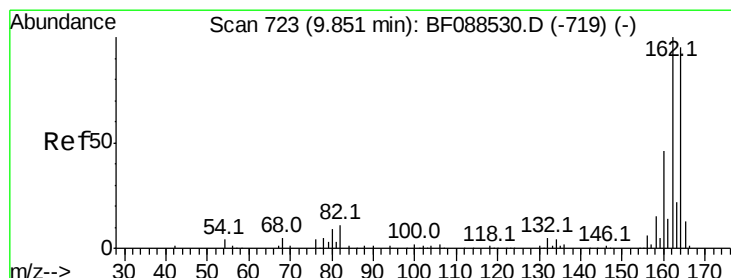
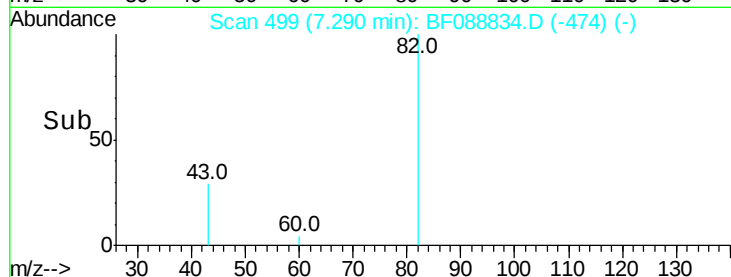
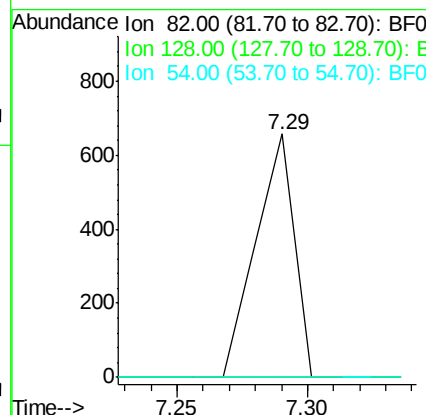
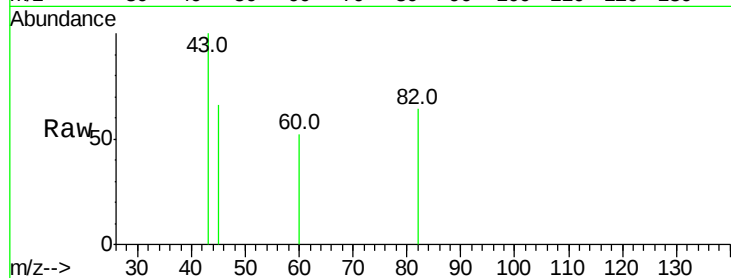




#23
 Nitrobenzene-d5
 Concen: 0.11 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088834.D
 Acq: 8 Jul 2016 19:55

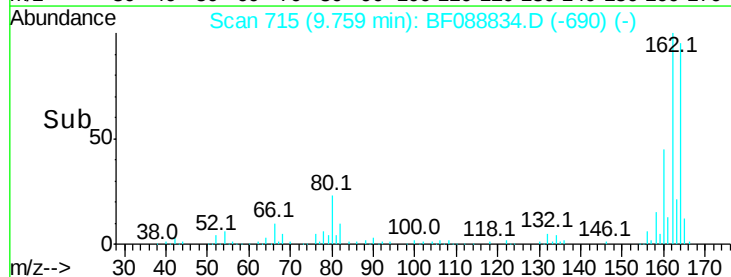
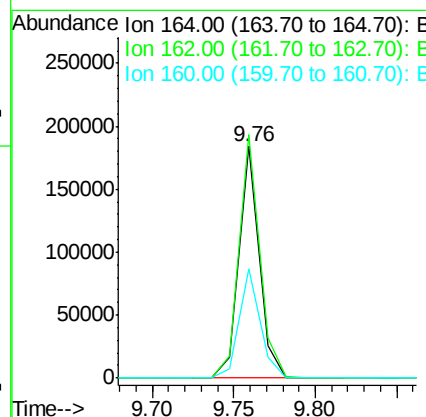
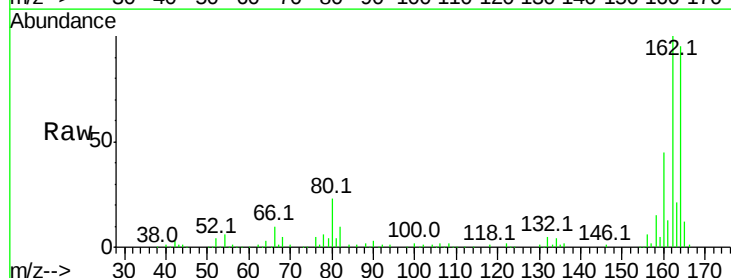
Instrument :
 BNA_F
 ClientSampleId :

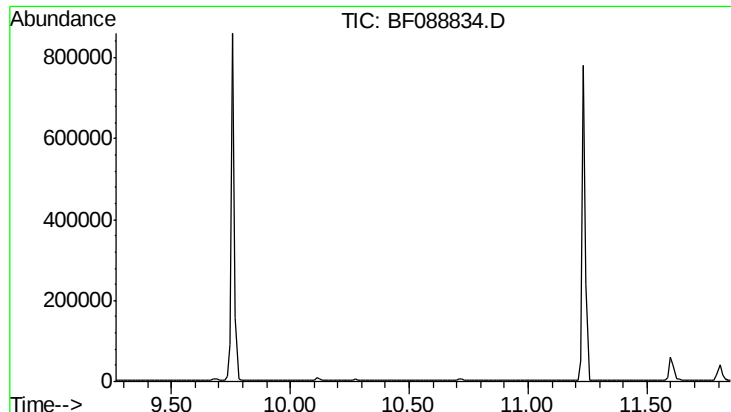
Tot Ion: 82 Resp: 680
 Ion Ratio Lower Upper
 82 100
 128 0.0 35.9 53.9#
 54 0.0 40.9 61.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088834.D
 Acq: 8 Jul 2016 19:55

Tgt Ion:164 Resp: 156516
 Ion Ratio Lower Upper
 164 100
 162 105.0 85.4 128.2
 160 47.2 39.5 59.3

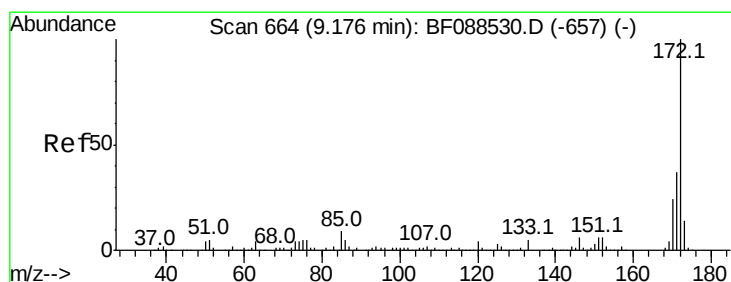
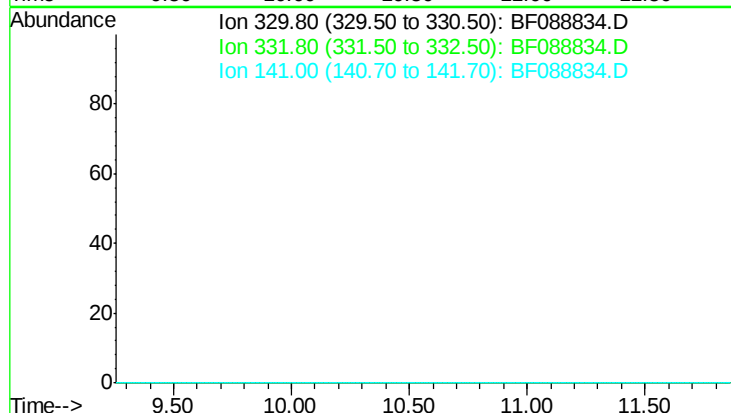




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.56 min
 Lab File: BF088834.D
 Acq: 8 Jul 2016 19:55

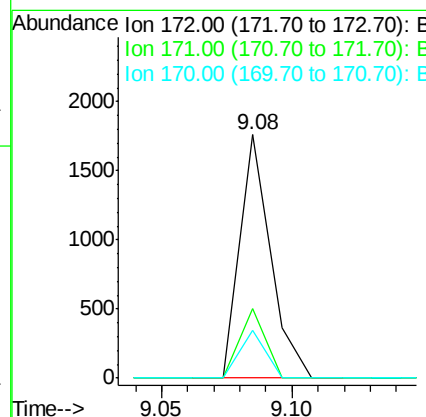
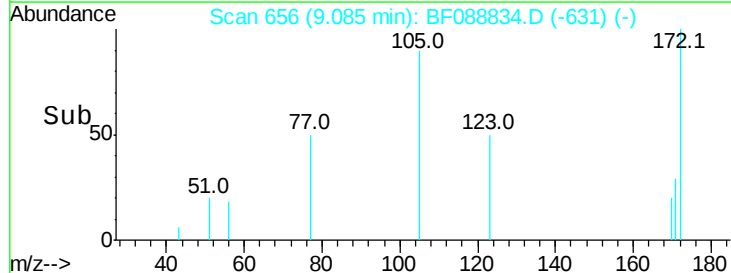
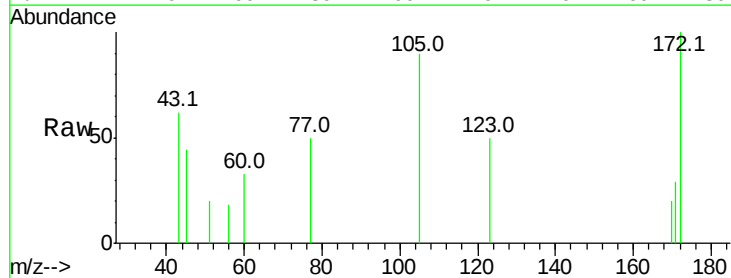
Instrument :
 BNA_F
 ClientSampleId :

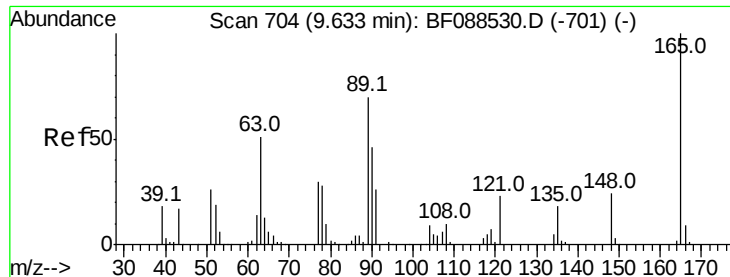
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0



#44
 2-Fluorobiphenyl
 Concen: 0.15 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: BF088834.D
 Acq: 8 Jul 2016 19:55

Tgt Ion: 172 Resp: 1455
 Ion Ratio Lower Upper
 172 100
 171 28.8 28.6 43.0
 170 19.9 19.2 28.8

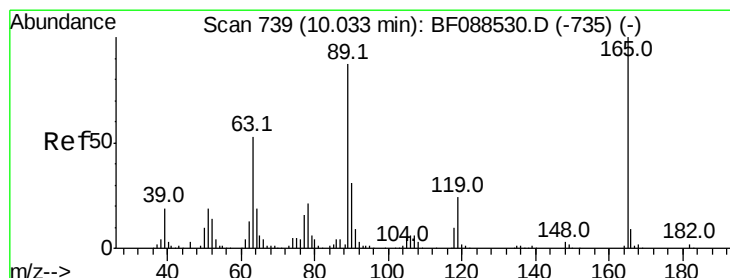
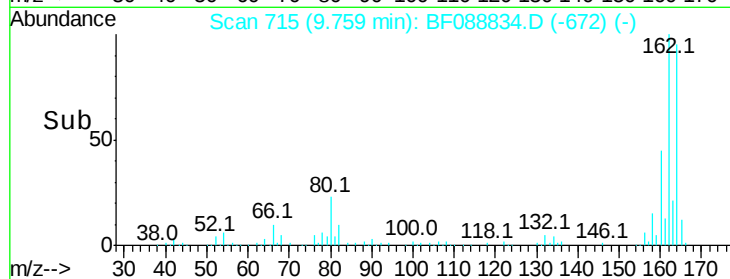
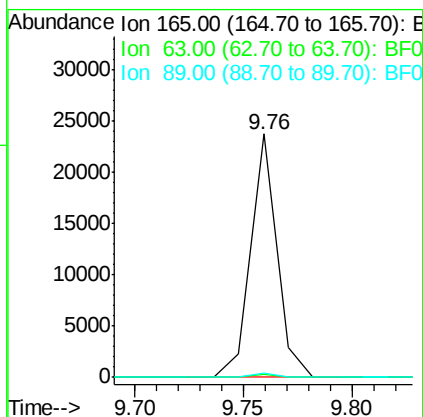
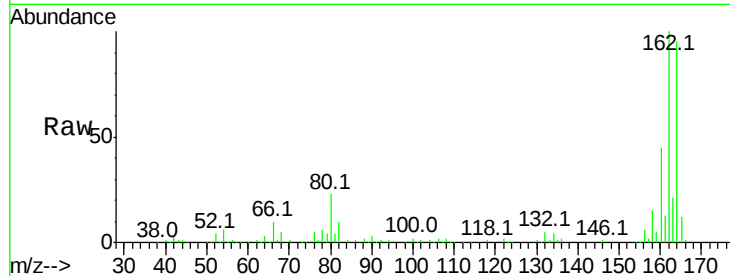




#50
 2,6-Dinitrotoluene
 Concen: 8.05 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.19 min
 Lab File: BF088834.D
 Acq: 8 Jul 2016 19:55

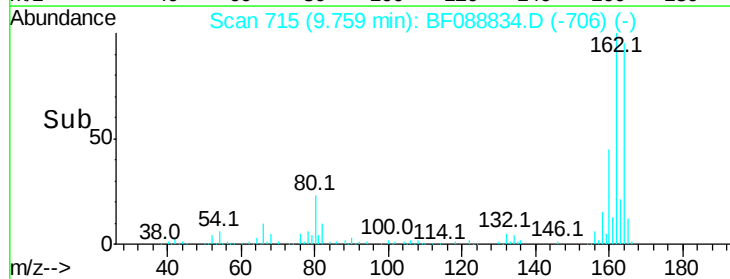
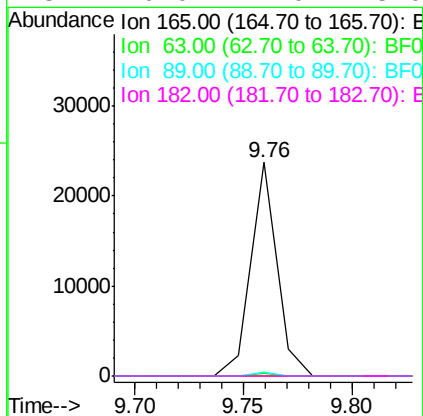
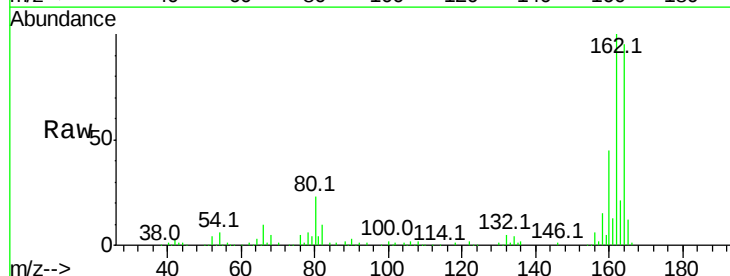
Instrument :
 BNA_F
 ClientSampleId :

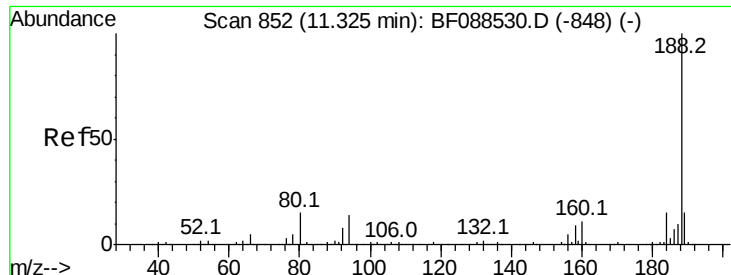
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	28.1	42.1#
89	1.8	32.2	48.2#



#56
 2,4-Dinitrotoluene
 Concen: 6.16 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.19 min
 Lab File: BF088834.D
 Acq: 8 Jul 2016 19:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	22.0	33.0#
89	1.8	41.1	61.7#
182	0.0	2.0	3.0#

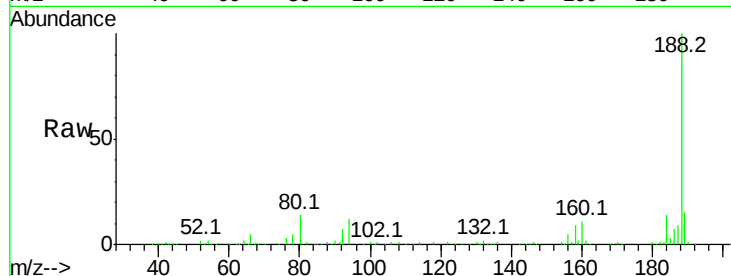




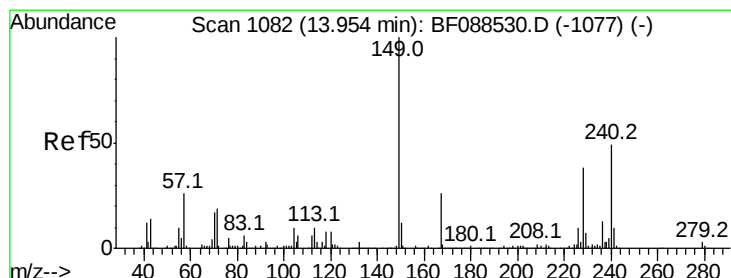
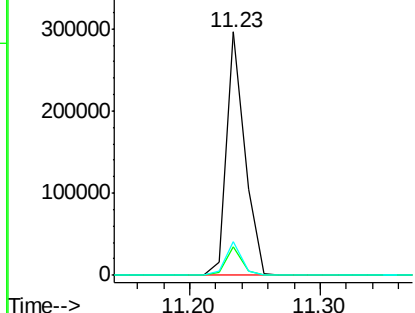
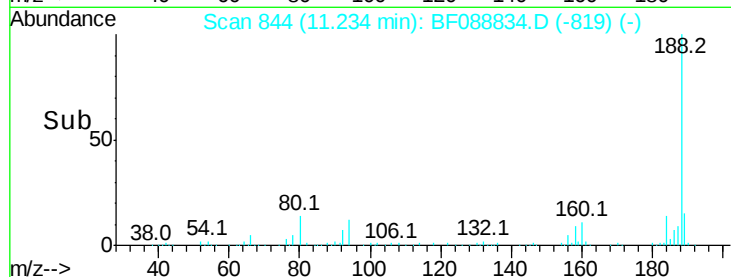
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088834.D
Acq: 8 Jul 2016 19:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.0	13.6
80	14.0	10.0	15.0

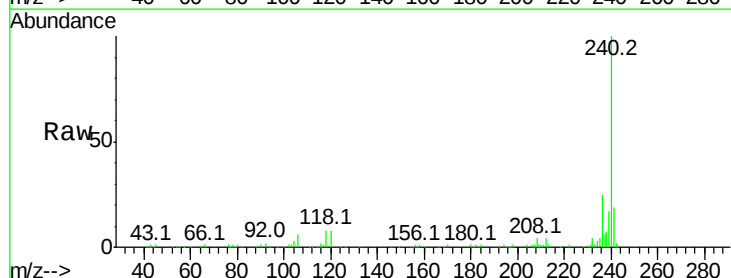


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

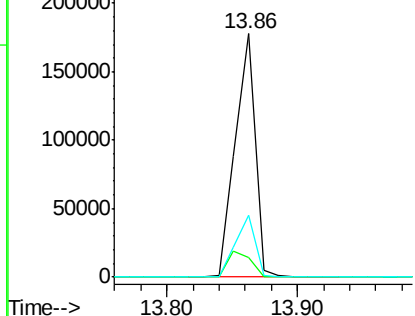
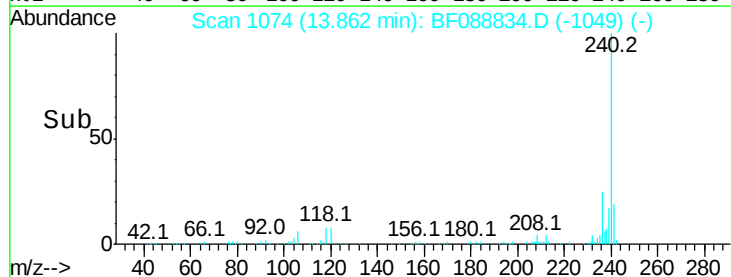


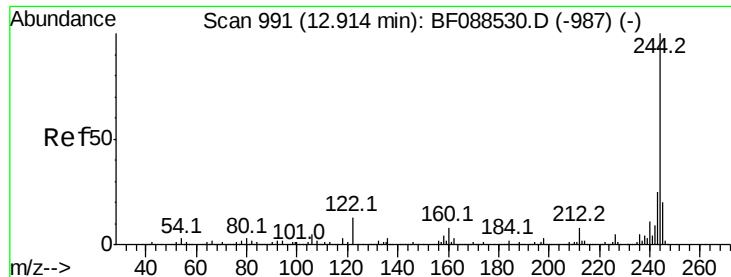
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088834.D
Acq: 8 Jul 2016 19:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	25.3	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: 0.17 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF088834.D

Acq: 8 Jul 2016 19:55

Instrument :

BNA_F

ClientSampleId :

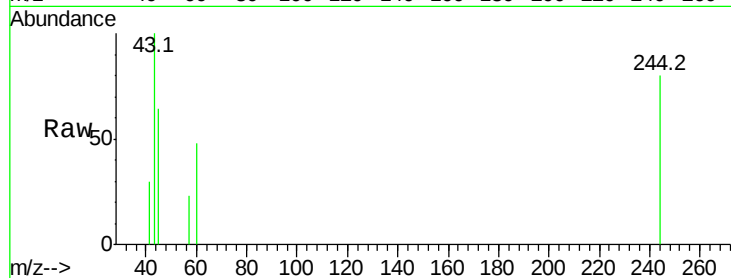
Tot Ion:244 Resp: 1401

Ion Ratio Lower Upper

244 100

212 0.0 6.0 9.0#

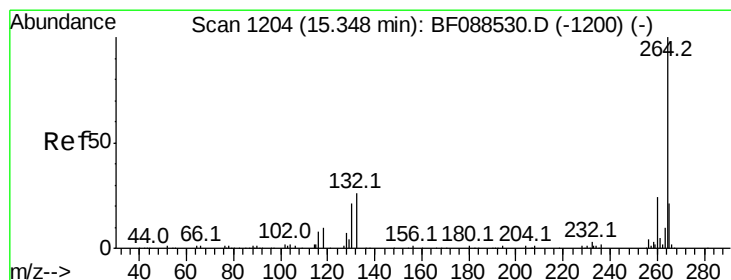
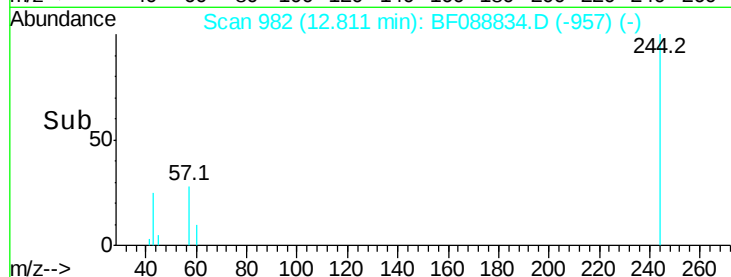
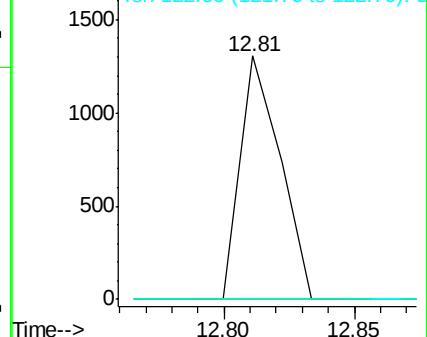
122 0.0 11.2 16.8#



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

Perylene-d12

Concen: 20.00 ng

RT: 15.23 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF088834.D

Acq: 8 Jul 2016 19:55

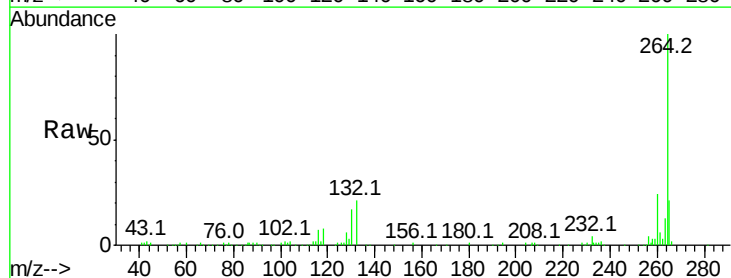
Tgt Ion:264 Resp: 157070

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.9 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

