

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089843.D
 Acq On : 23 Aug 2016 18:58
 Operator : UM/SJ
 Sample : H4547-20
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-15(2-2.5)

Quant Time: Aug 25 13:58:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

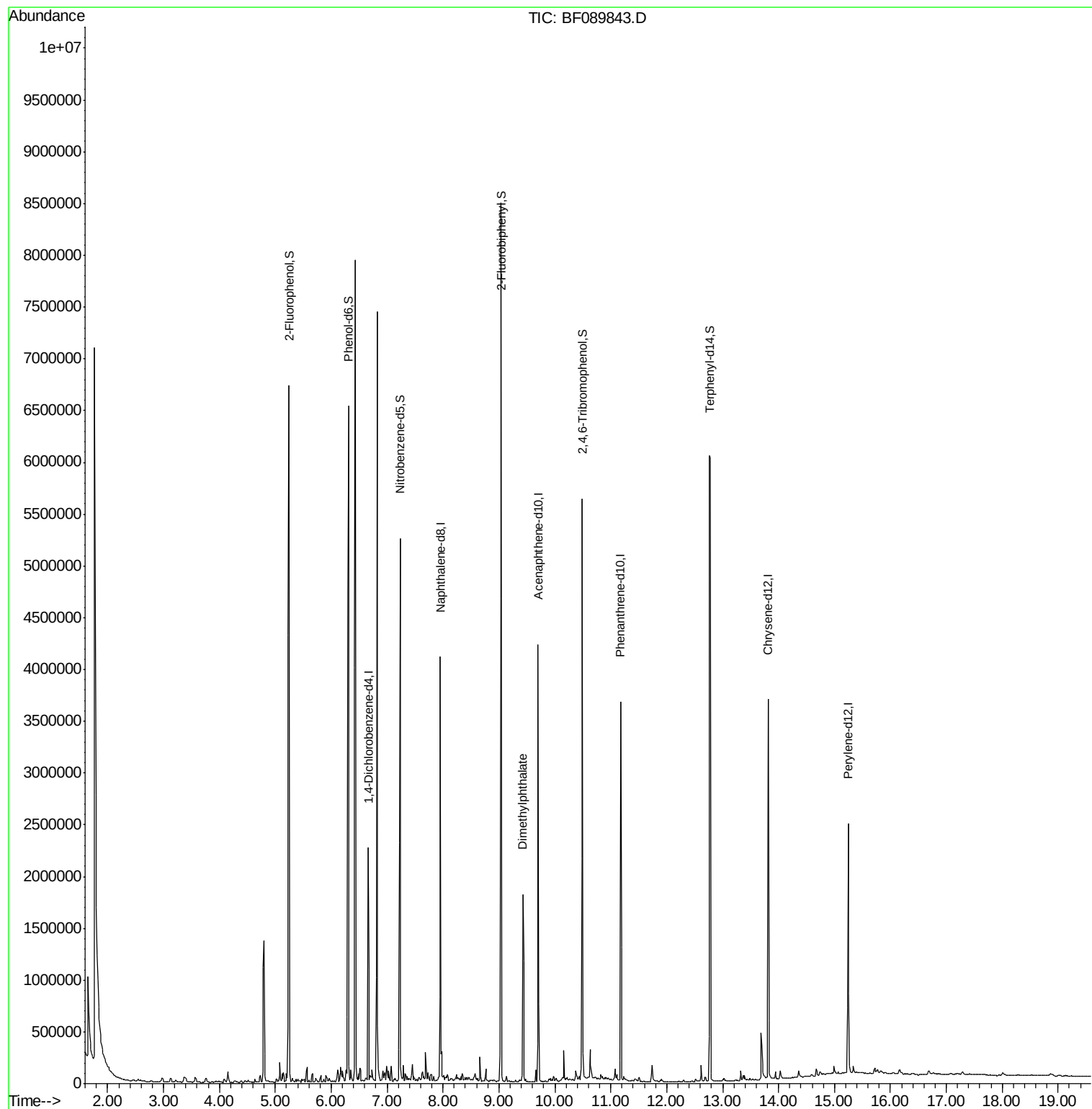
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	402914	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1706045	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	787329	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1405207	20.00	ng	-0.01
75) Chrysene-d12	13.82	240	1215726	20.00	ng	-0.06
86) Perylene-d12	15.25	264	997604	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2515906	107.08	ng	-0.01
7) Phenol-d6	6.31	99	3298000	114.35	ng	-0.01
23) Nitrobenzene-d5	7.23	82	1879748	68.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	698666	93.37	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3230747	72.12	ng	-0.01
78) Terphenyl-d14	12.78	244	2855550	53.14	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.43	163	1011161	18.24	ng	Qvalue 99

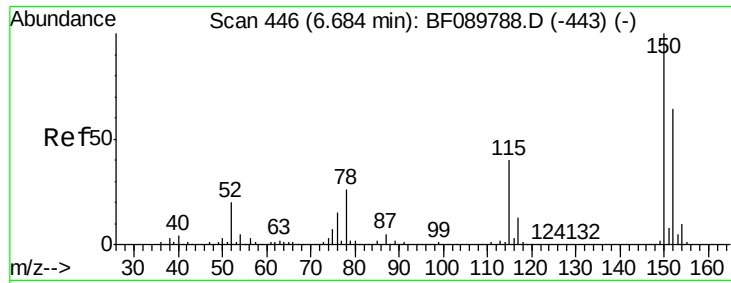
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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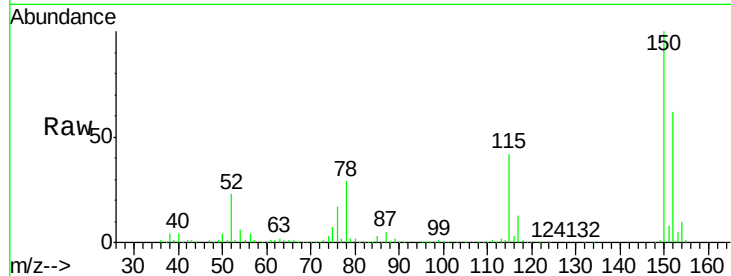




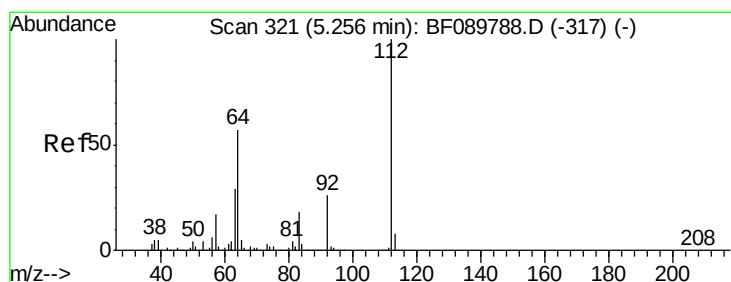
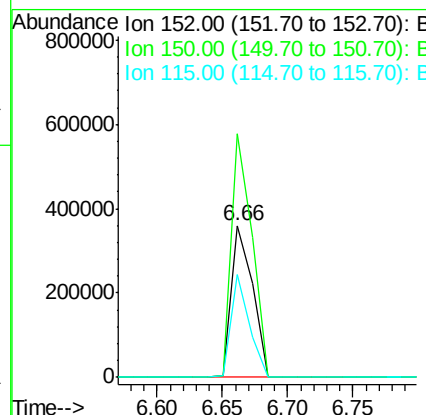
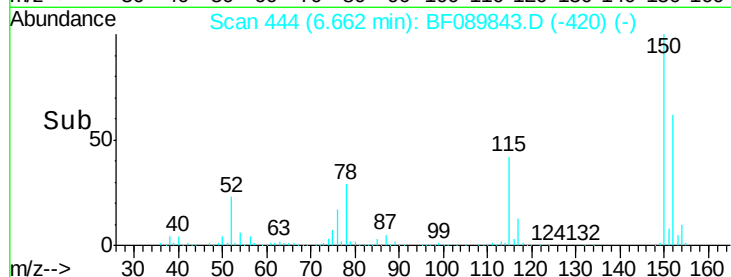
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF089843.D
 Acq: 23 Aug 2016 18:58

Instrument :
 BNA_F
 ClientSampleId :
 D-15(2-2.5)

Tgt Ion:152 Resp: 402914
 Ion Ratio Lower Upper
 152 100
 150 160.3 125.3 187.9
 115 67.7 40.9 61.3#

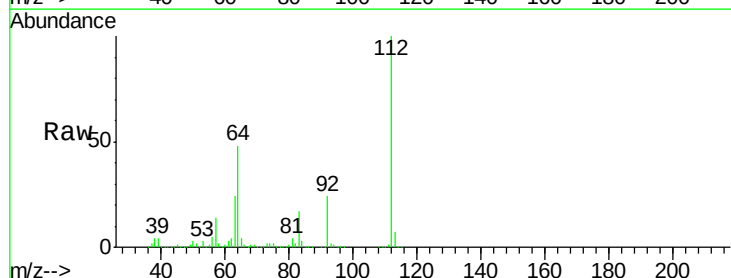


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

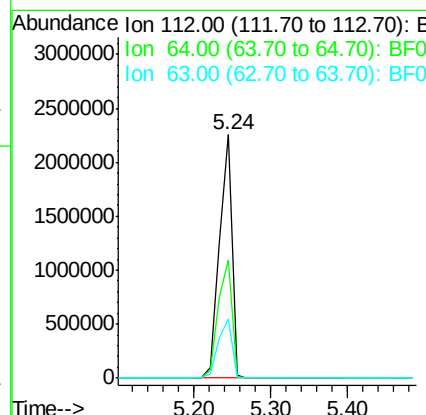
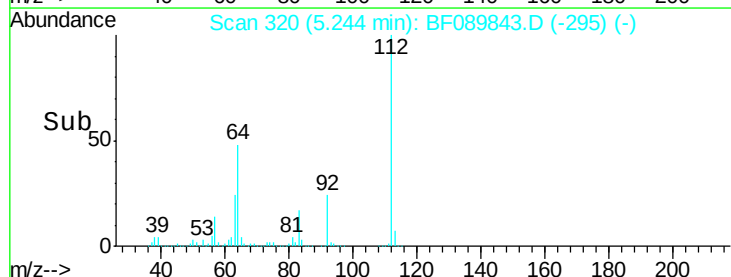


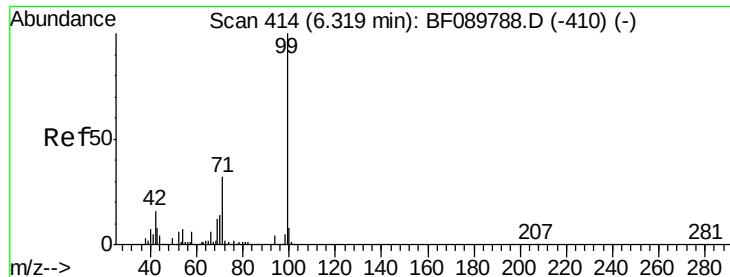
#5
 2-Fluorophenol
 Concen: 107.08 ng
 RT: 5.24 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: BF089843.D
 Acq: 23 Aug 2016 18:58

Tgt Ion:112 Resp: 2515906
 Ion Ratio Lower Upper
 112 100
 64 48.4 45.0 67.4
 63 24.2 23.1 34.7



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: 114.35 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089843.D

Acq: 23 Aug 2016 18:58

Instrument :

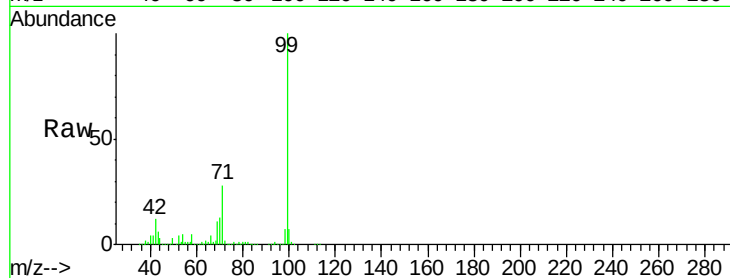
BNA_F

ClientSampleId :

D-15(2-2.5)

Tgt Ion: 99 Resp: 3298000

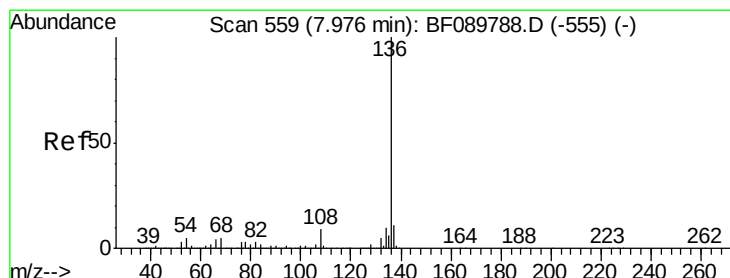
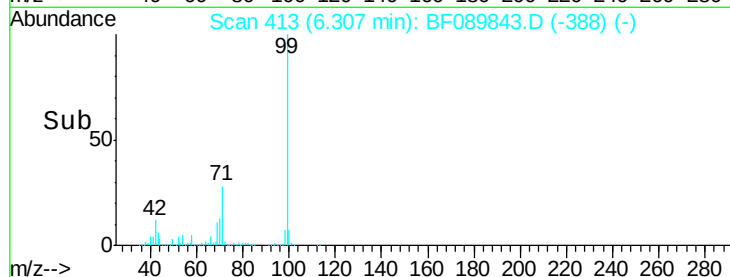
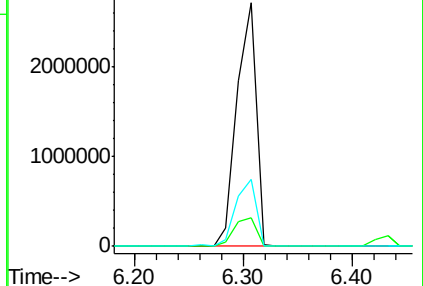
Ion	Ratio	Lower	Upper
99	100		
42	11.5	12.2	18.4#
71	27.6	23.8	35.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

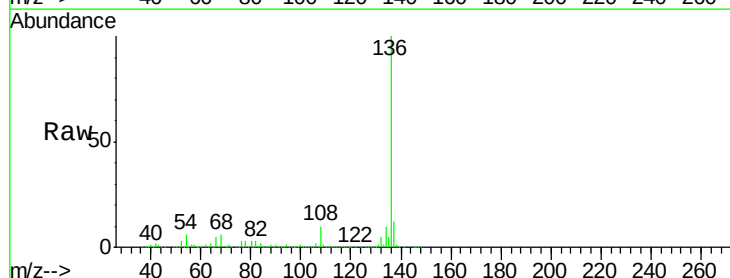
Delta R.T. -0.02 min

Lab File: BF089843.D

Acq: 23 Aug 2016 18:58

Tgt Ion: 136 Resp: 1706045

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.0	7.2	10.8#
68	5.7	5.8	8.8#

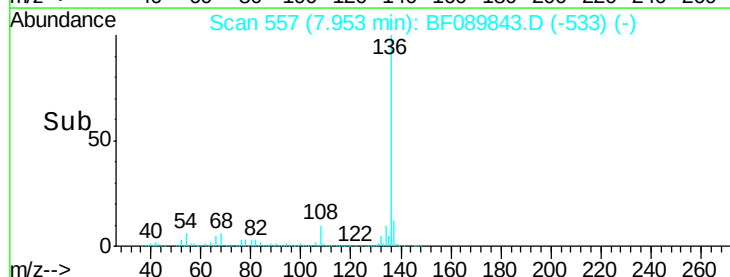
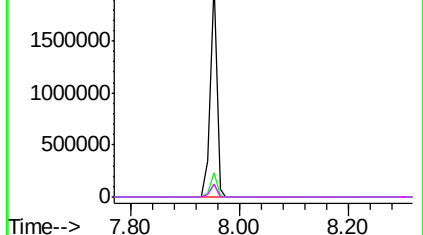


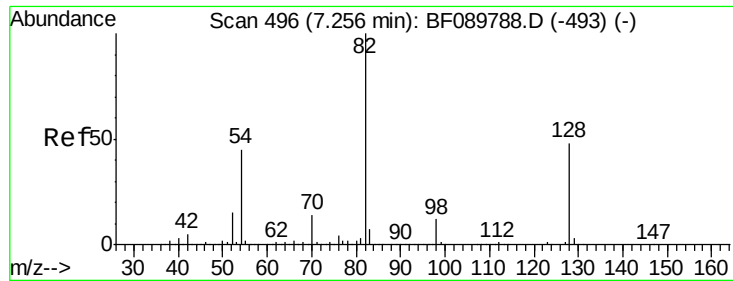
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

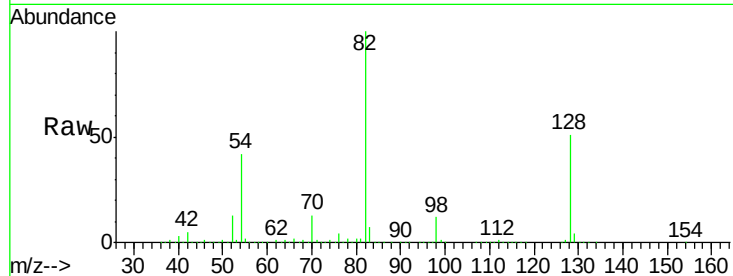




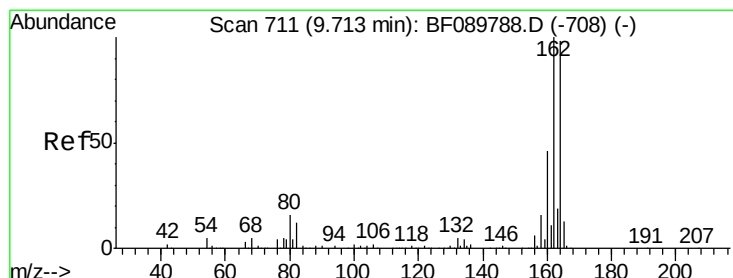
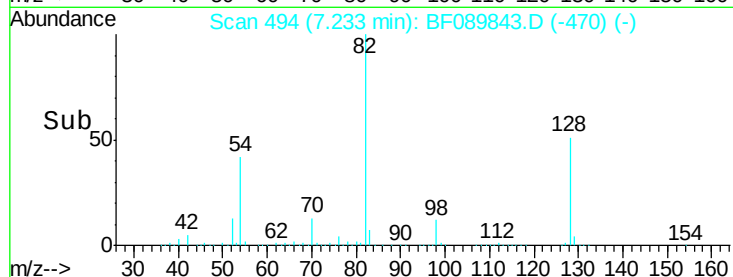
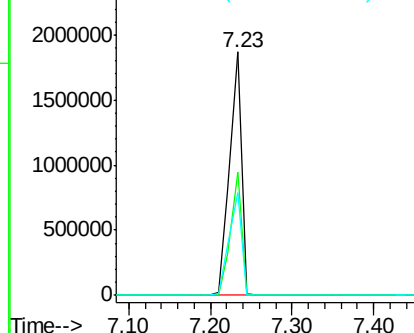
#23
 Nitrobenzene-d5
 Concen: 68.45 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089843.D
 Acq: 23 Aug 2016 18:58

Instrument :
 BNA_F
 ClientSampleId :
 D-15(2-2.5)

Tgt Ion: 82 Resp: 1879748
 Ion Ratio Lower Upper
 82 100
 128 50.7 34.4 51.6
 54 42.4 40.3 60.5

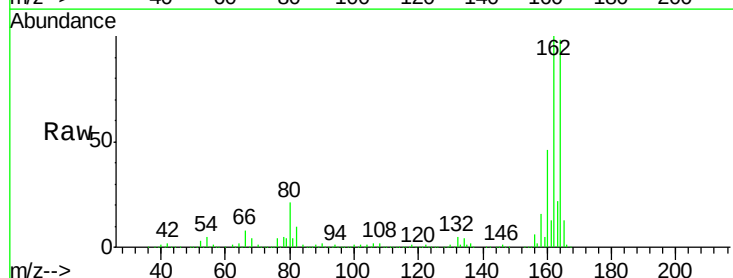


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

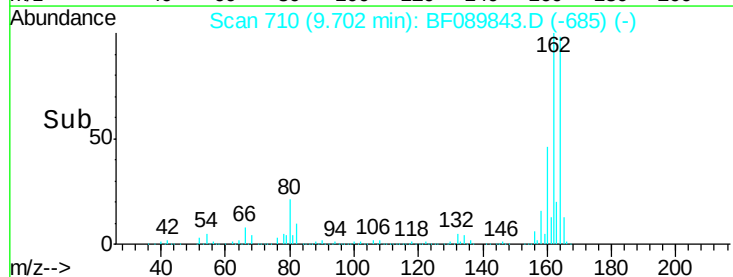
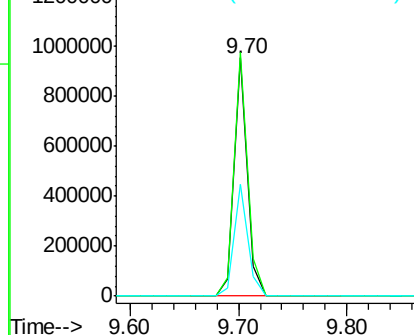


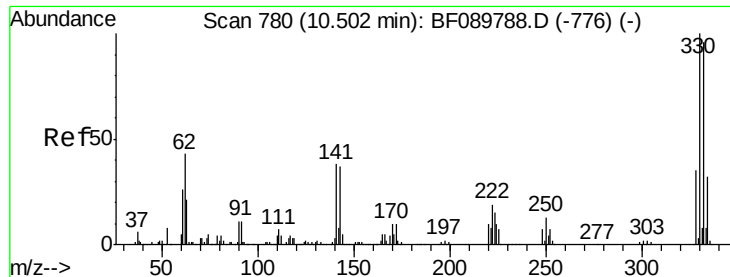
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089843.D
 Acq: 23 Aug 2016 18:58

Tgt Ion: 164 Resp: 787329
 Ion Ratio Lower Upper
 164 100
 162 102.1 81.4 122.2
 160 47.1 37.8 56.6



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

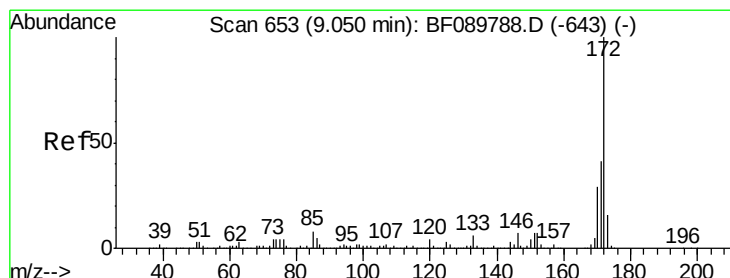
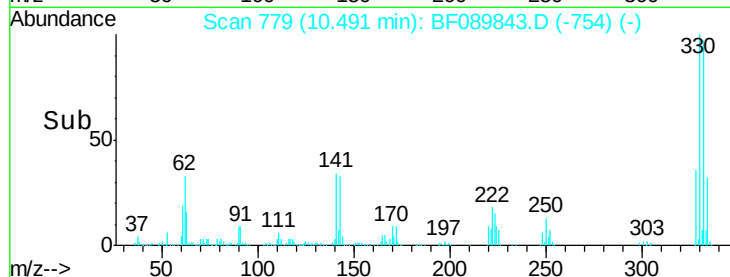
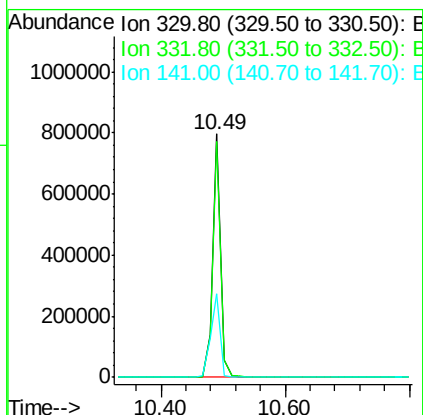
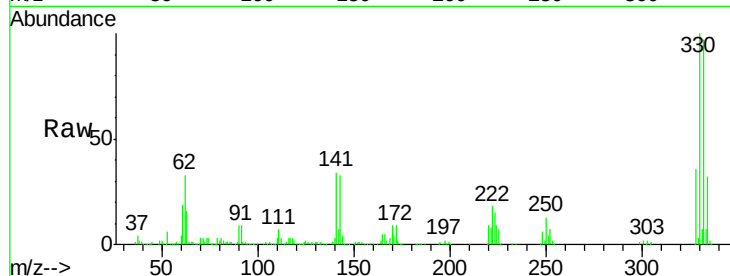




#41
 2,4,6-Tribromophenol
 Concen: 93.37 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089843.D
 Acq: 23 Aug 2016 18:58

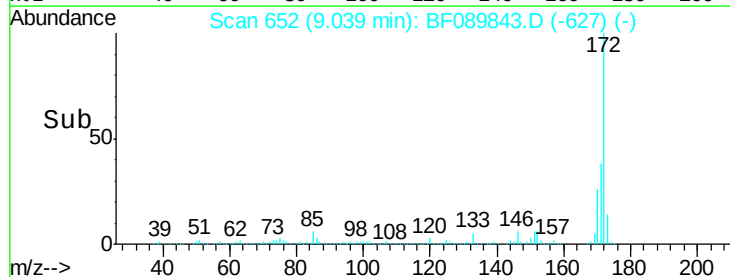
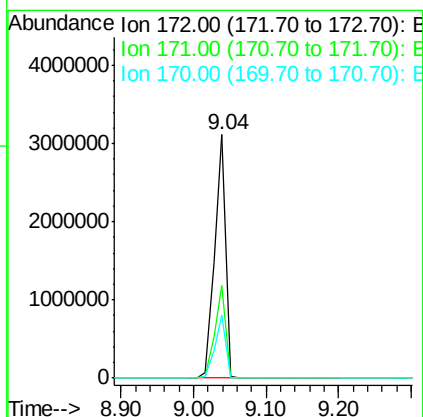
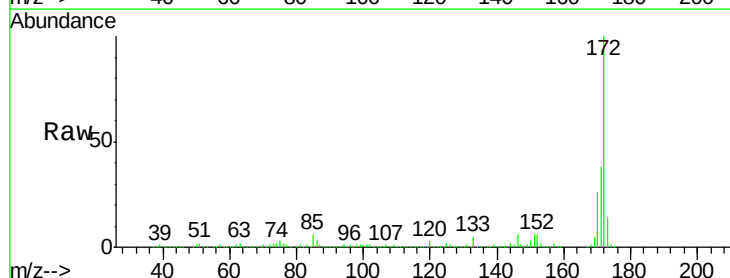
Instrument :
 BNA_F
 ClientSampleId :
 D-15(2-2.5)

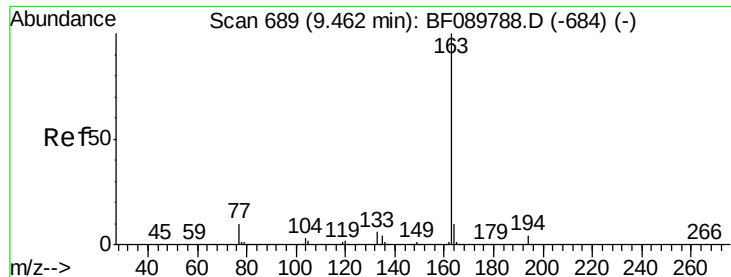
Tgt Ion:330 Resp: 698666
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.7 115.1
 141 40.8 30.2 45.2



#44
 2-Fluorobiphenyl
 Concen: 72.12 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089843.D
 Acq: 23 Aug 2016 18:58

Tgt Ion:172 Resp: 3230747
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.5 45.7
 170 25.9 20.6 31.0

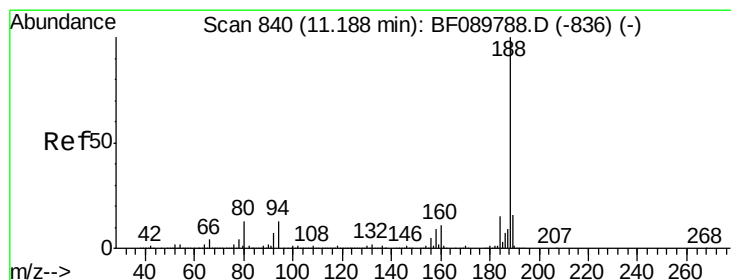
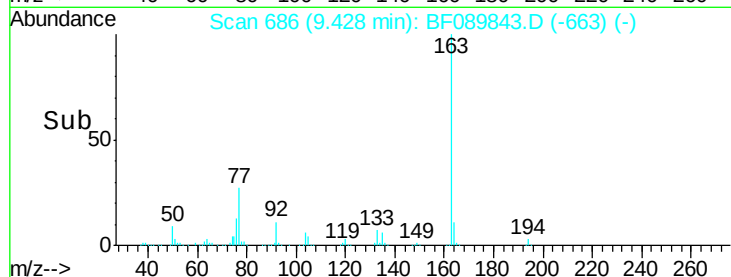
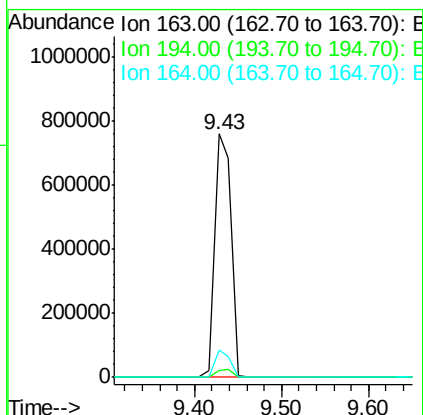
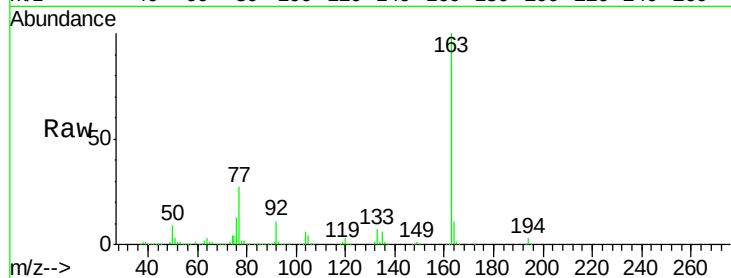




#49
Dimethylphthalate
Concen: 18.24 ng
RT: 9.43 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF089843.D
Acq: 23 Aug 2016 18:58

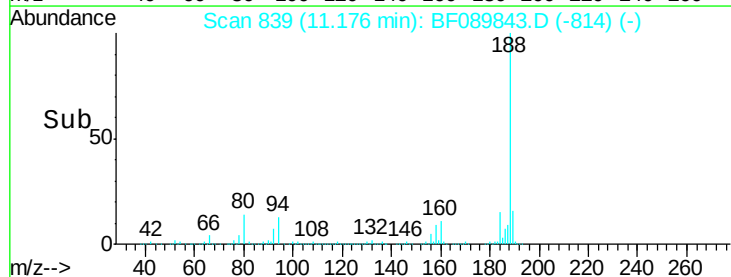
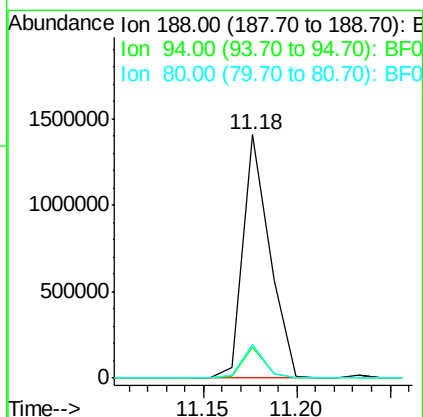
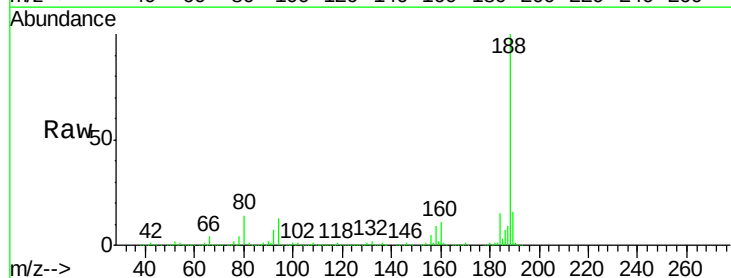
Instrument :
BNA_F
ClientSampleId :
D-15(2-2.5)

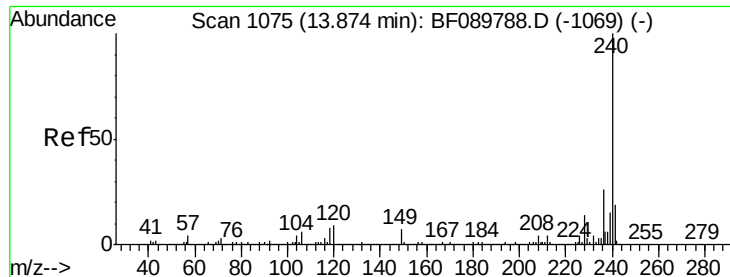
Tgt Ion:163 Resp: 1011161
Ion Ratio Lower Upper
163 100
194 2.9 2.6 3.8
164 11.0 8.6 12.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089843.D
Acq: 23 Aug 2016 18:58

Tgt Ion:188 Resp: 1405207
Ion Ratio Lower Upper
188 100
94 12.8 10.2 15.2
80 13.6 10.9 16.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.06 min

Lab File: BF089843.D

Acq: 23 Aug 2016 18:58

Instrument :

BNA_F

ClientSampleId :

D-15(2-2.5)

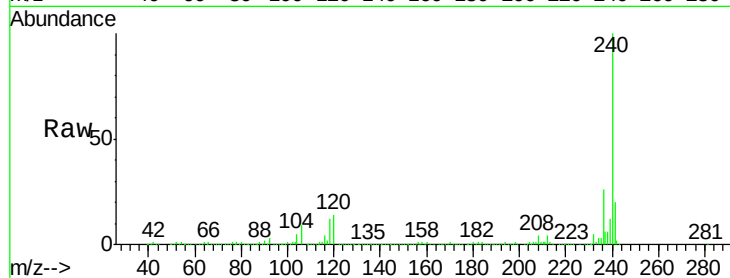
Tgt Ion:240 Resp: 1215726

Ion Ratio Lower Upper

240 100

120 14.4 8.3 12.5#

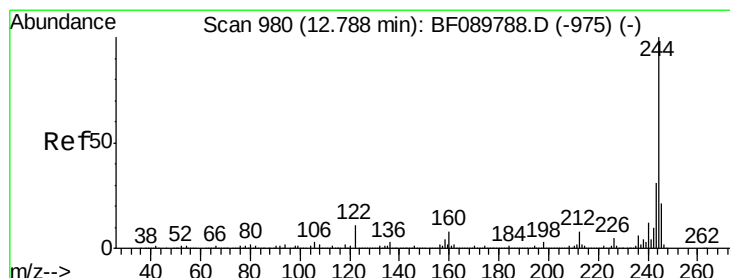
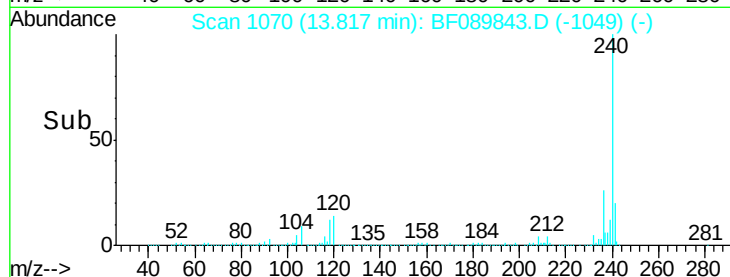
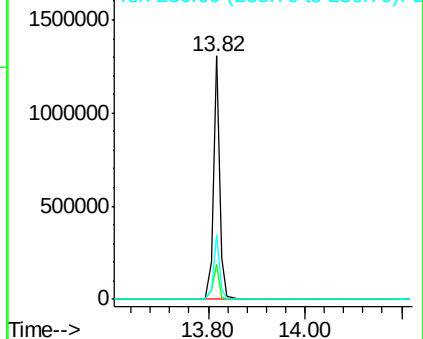
236 26.4 21.3 31.9



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: 53.14 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089843.D

Acq: 23 Aug 2016 18:58

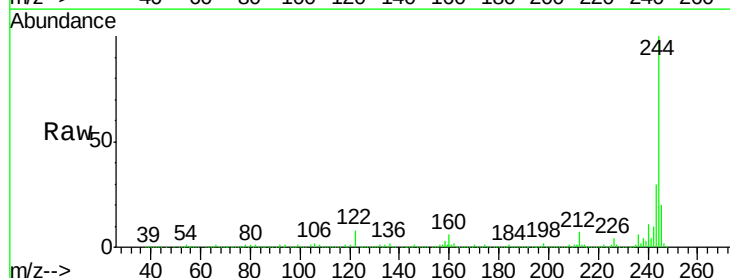
Tgt Ion:244 Resp: 2855550

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

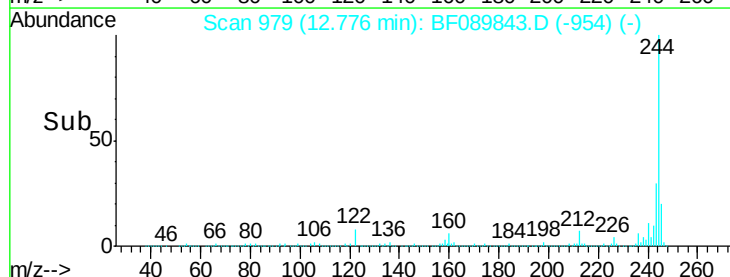
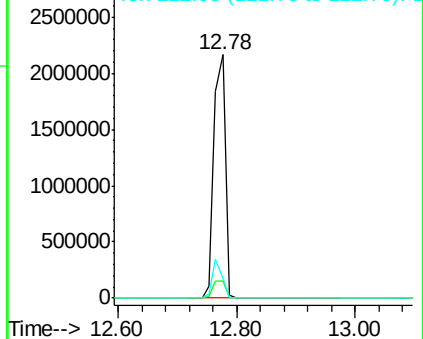
122 7.9 12.0 18.0#

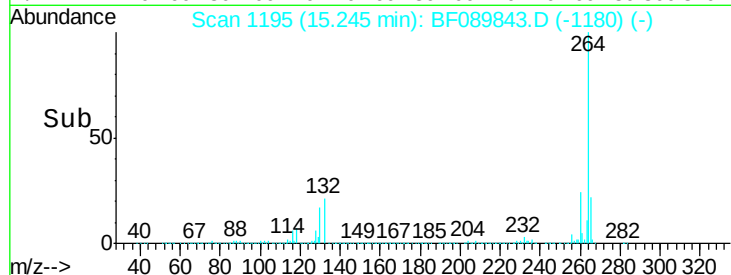
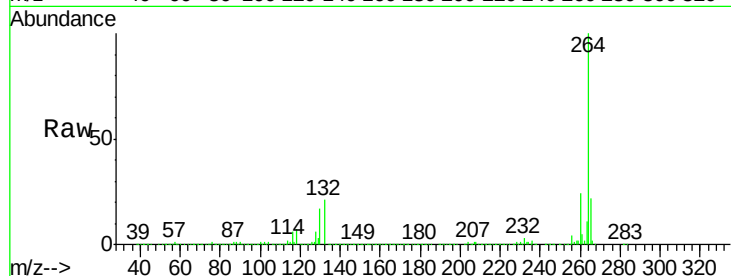
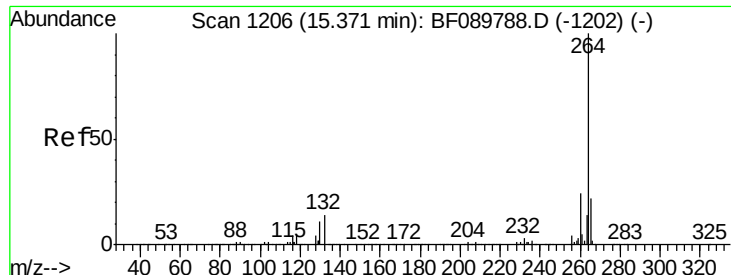


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.25 min Scan# 1195
Delta R.T. -0.13 min
Lab File: BF089843.D
Acq: 23 Aug 2016 18:58

Instrument :
BNA_F
ClientSampleId :
D-15(2-2.5)

Tgt Ion:	264	Resp:	997604
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	22.1	17.4	26.2

