

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082316\
 Data File : BF089845.D
 Acq On : 23 Aug 2016 19:51
 Operator : UM/SJ
 Sample : H4547-22
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-17(2-2.5)

Quant Time: Aug 25 14:01:09 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

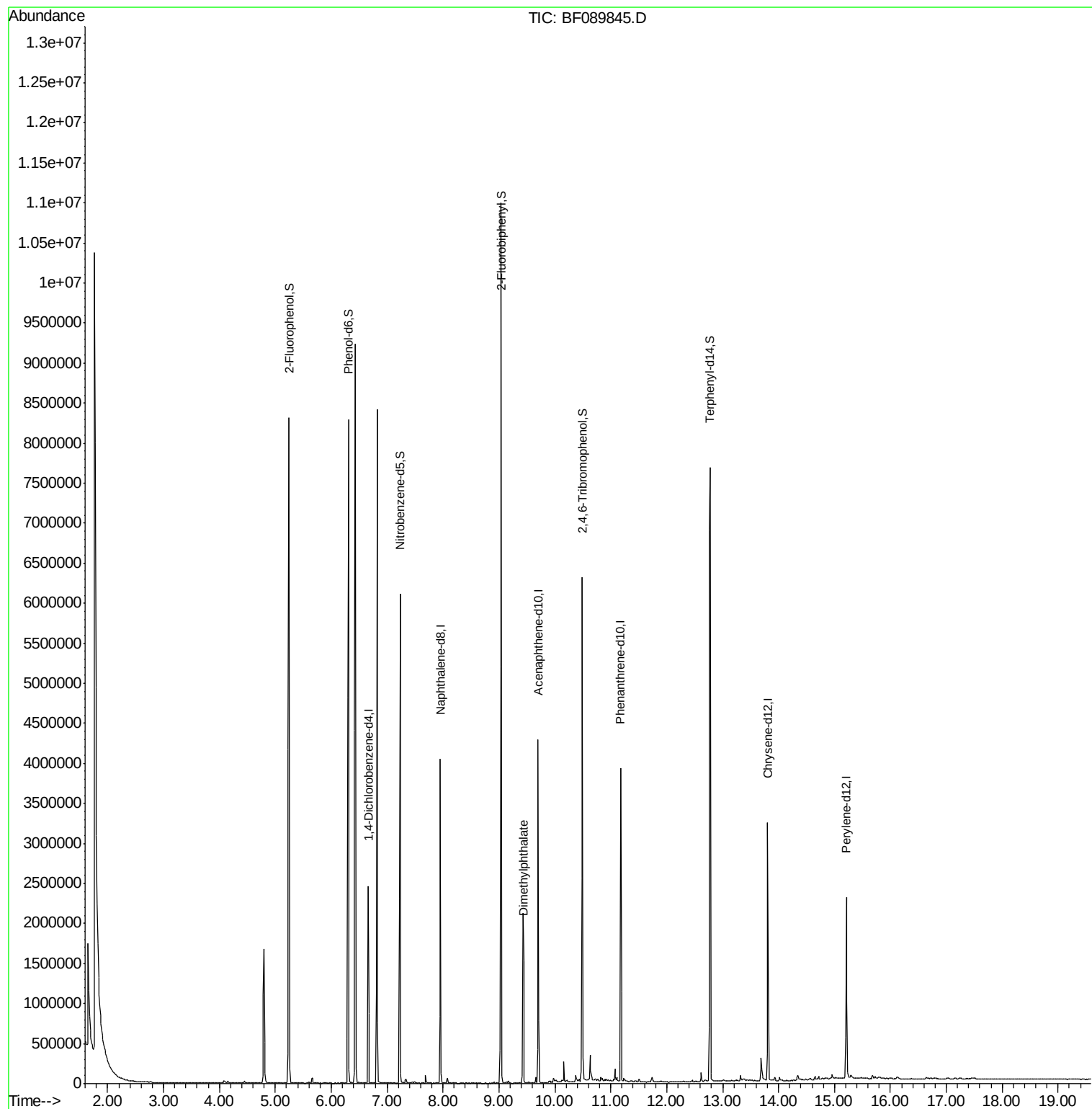
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	405963	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1770783	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	809035	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1442983	20.00	ng	-0.01
75) Chrysene-d12	13.81	240	1221581	20.00	ng	-0.07
86) Perylene-d12	15.21	264	981530	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	2788366	117.79	ng	-0.01
7) Phenol-d6	6.31	99	3714591	127.83	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2117067	74.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	791297	102.92	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3834937	83.31	ng	-0.01
78) Terphenyl-d14	12.78	244	3441961	63.74	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.44	163	1243248	21.82	ng	Qvalue # 98

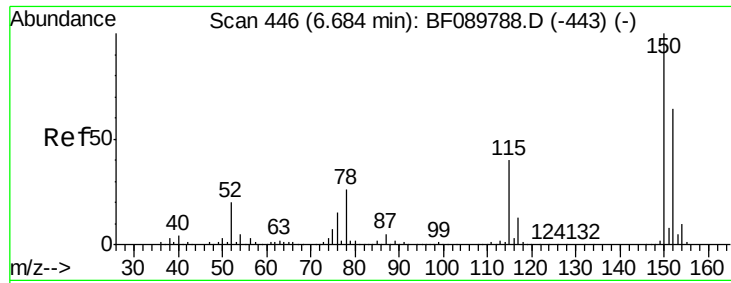
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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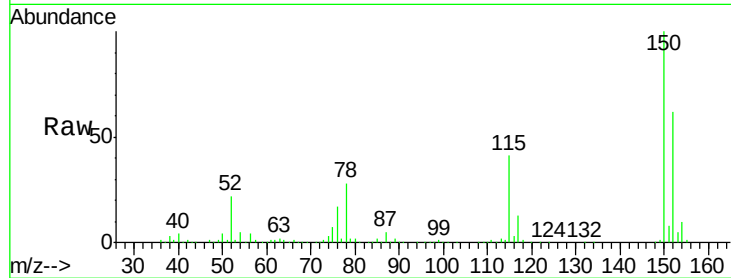




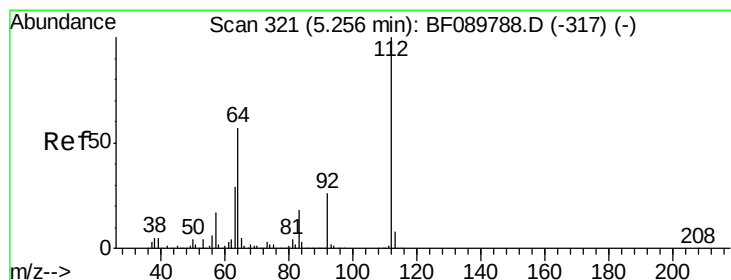
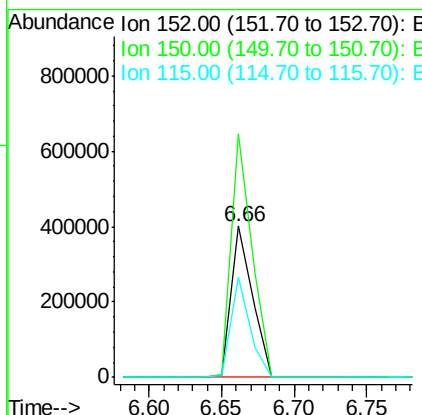
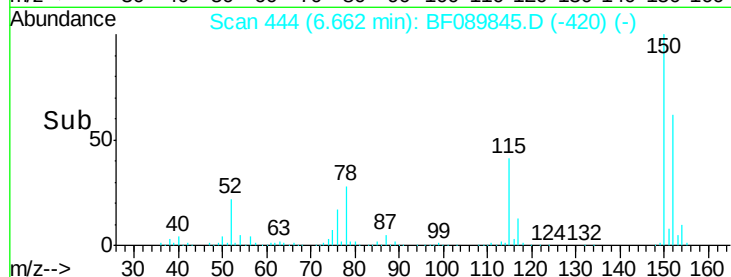
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.66 min Scan# 444
 Delta R.T. -0.02 min
 Lab File: BF089845.D
 Acq: 23 Aug 2016 19:51

Instrument :
 BNA_F
 ClientSampleId :
 D-17(2-2.5)

Tgt Ion:152 Resp: 405963
 Ion Ratio Lower Upper
 152 100
 150 161.0 125.3 187.9
 115 66.2 40.9 61.3#

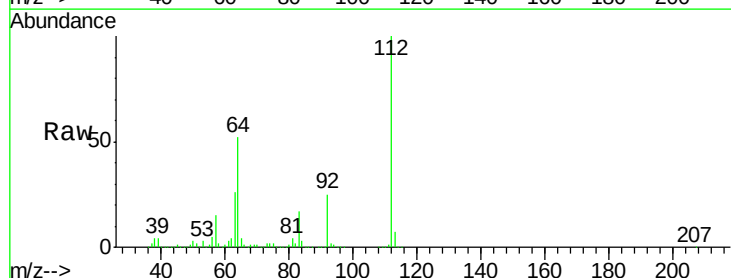


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

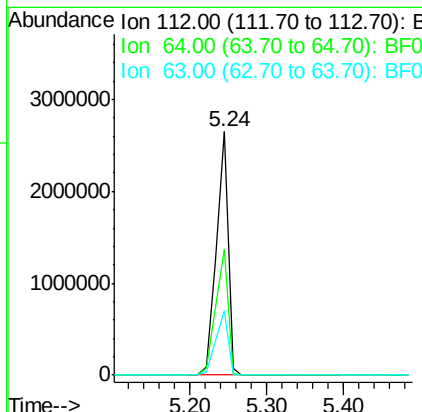
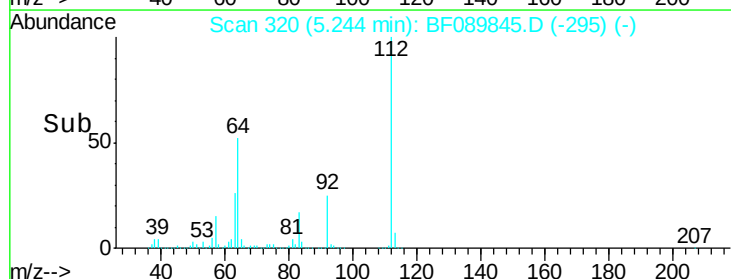


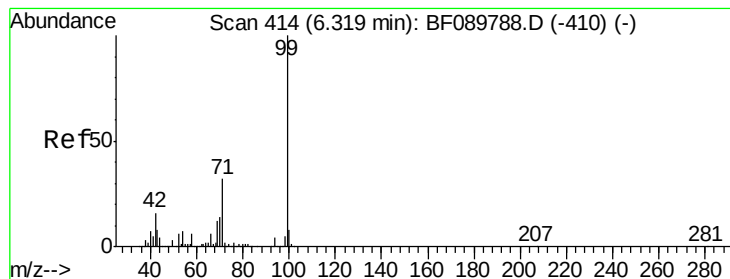
#5
 2-Fluorophenol
 Concen: 117.79 ng
 RT: 5.24 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: BF089845.D
 Acq: 23 Aug 2016 19:51

Tgt Ion:112 Resp: 2788366
 Ion Ratio Lower Upper
 112 100
 64 51.8 45.0 67.4
 63 26.3 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: 127.83 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089845.D

Acq: 23 Aug 2016 19:51

Instrument :

BNA_F

ClientSampleId :

D-17(2-2.5)

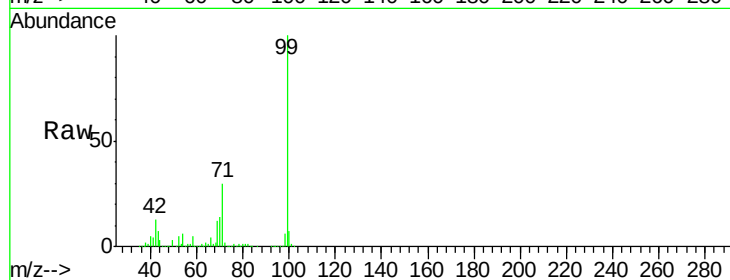
Tgt Ion: 99 Resp: 3714591

Ion Ratio Lower Upper

99 100

42 13.0 12.2 18.4

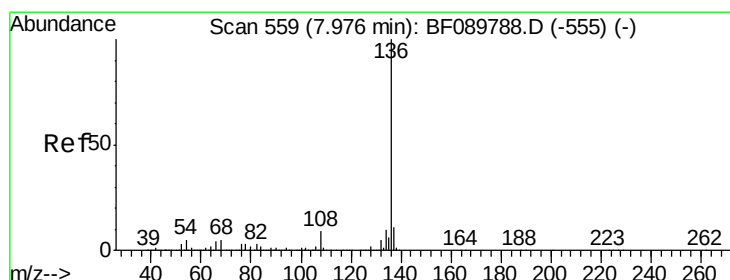
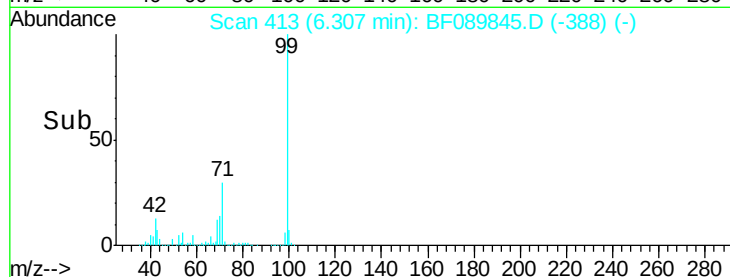
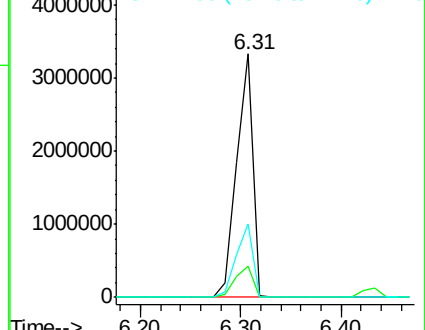
71 30.0 23.8 35.8



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: BF089845.D

Acq: 23 Aug 2016 19:51

Tgt Ion: 136 Resp: 1770783

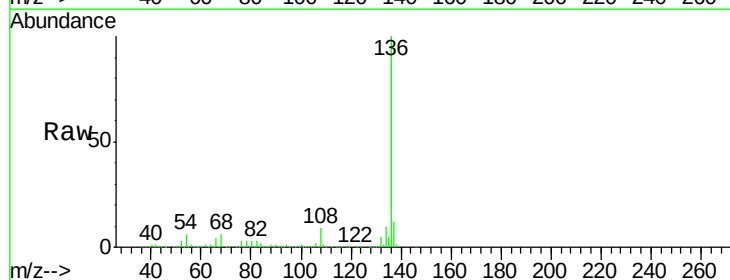
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 5.9 7.2 10.8#

68 5.7 5.8 8.8#

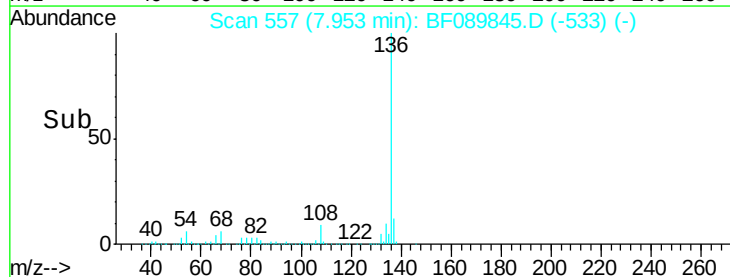
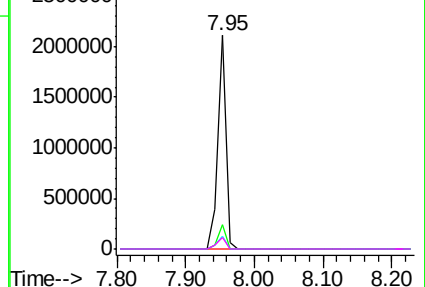


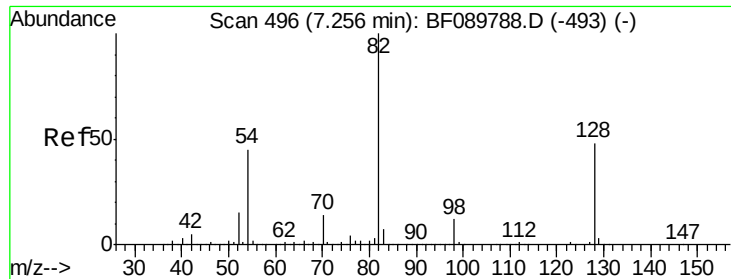
Abundance Ion 136.00 (135.70 to 136.70): E

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

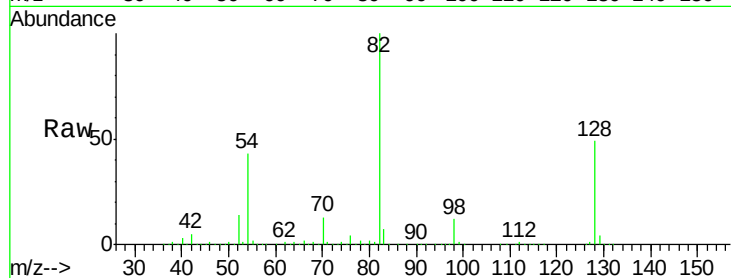




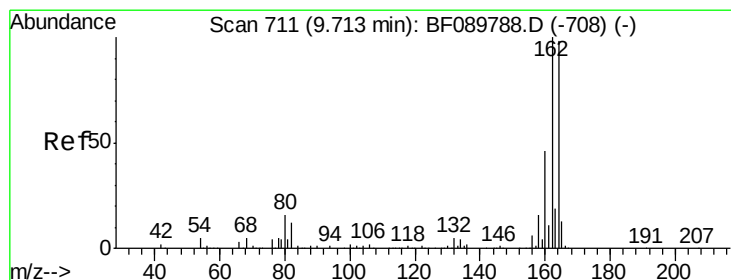
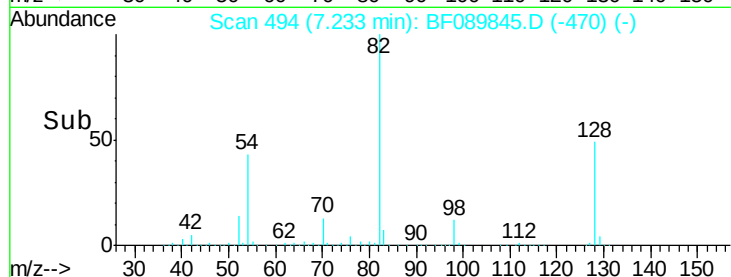
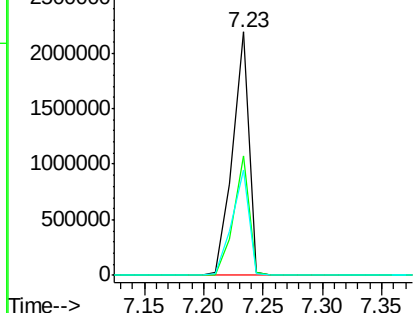
#23
 Nitrobenzene-d5
 Concen: 74.27 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089845.D
 Acq: 23 Aug 2016 19:51

Instrument :
 BNA_F
 ClientSampleId :
 D-17(2-2.5)

Tgt Ion: 82 Resp: 2117067
 Ion Ratio Lower Upper
 82 100
 128 49.2 34.4 51.6
 54 43.3 40.3 60.5

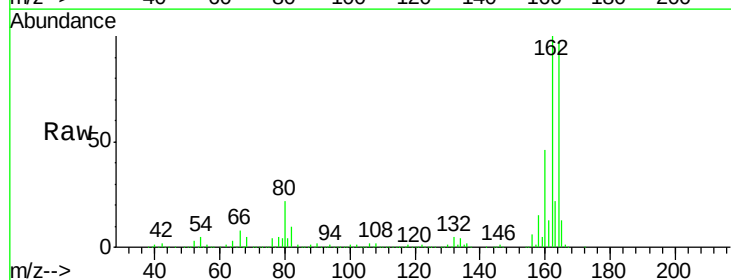


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

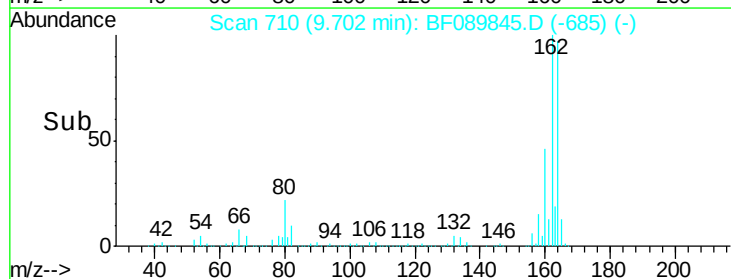
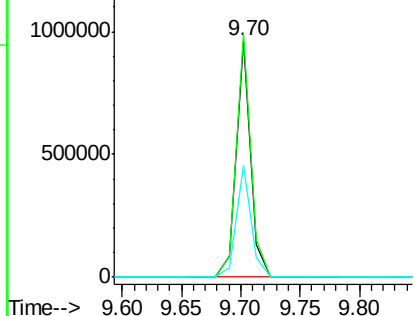


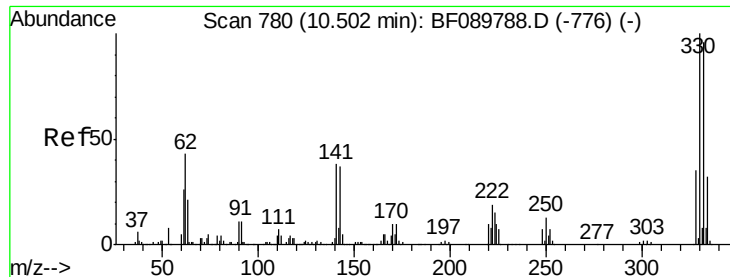
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089845.D
 Acq: 23 Aug 2016 19:51

Tgt Ion: 164 Resp: 809035
 Ion Ratio Lower Upper
 164 100
 162 103.2 81.4 122.2
 160 47.6 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

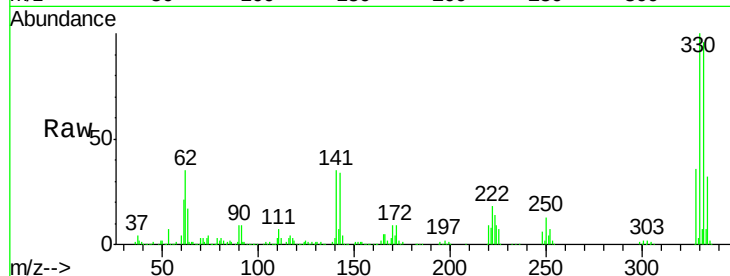




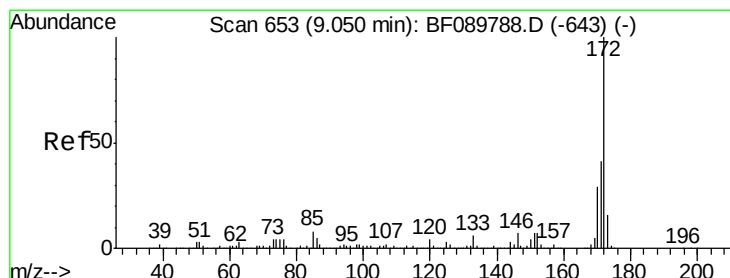
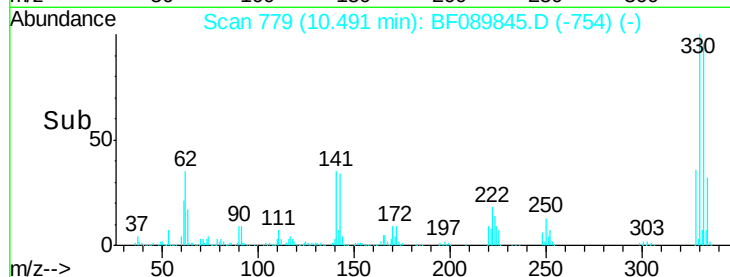
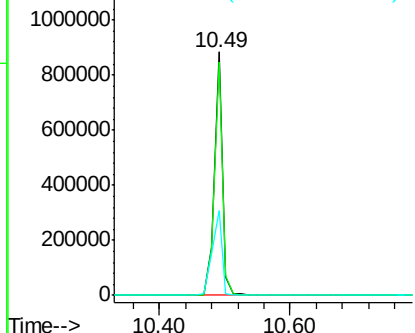
#41
 2,4,6-Tribromophenol
 Concen: 102.92 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089845.D
 Acq: 23 Aug 2016 19:51

Instrument :
 BNA_F
 ClientSampleId :
 D-17(2-2.5)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.7	115.1
141	41.3	30.2	45.2

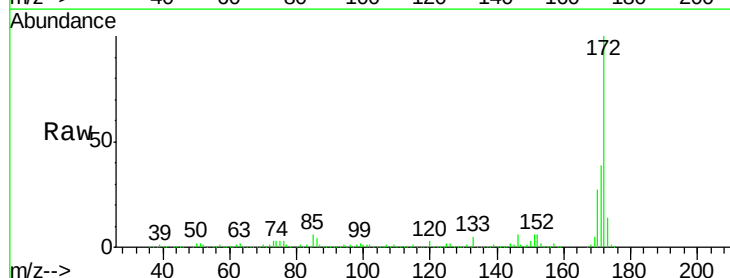


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

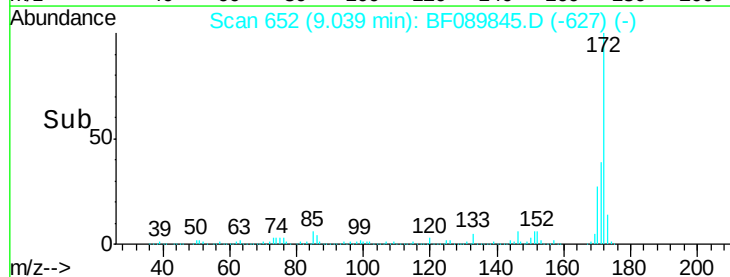
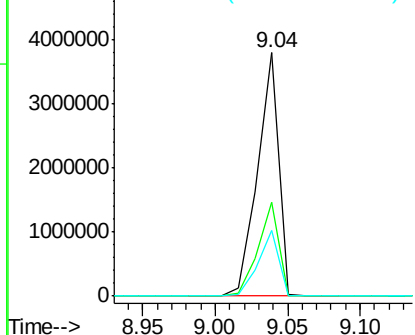


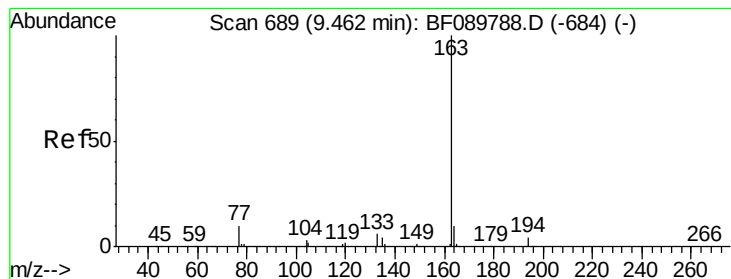
#44
 2-Fluorobiphenyl
 Concen: 83.31 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089845.D
 Acq: 23 Aug 2016 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.5	45.7
170	27.0	20.6	31.0



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





#49

Dimethylphthalate

Concen: 21.82 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF089845.D

Acq: 23 Aug 2016 19:51

Instrument :

BNA_F

ClientSampleId :

D-17(2-2.5)

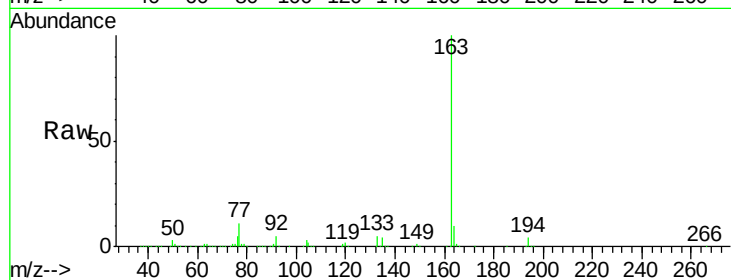
Tgt Ion:163 Resp: 1243248

Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

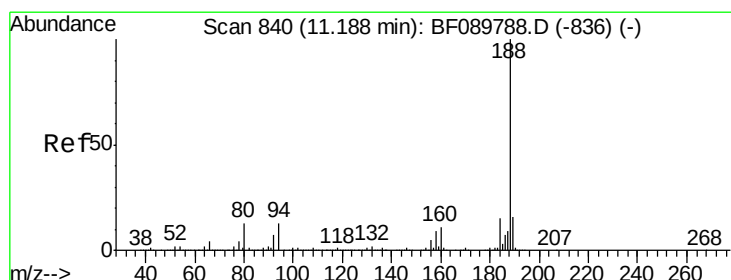
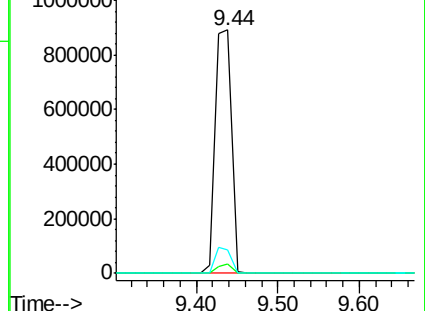
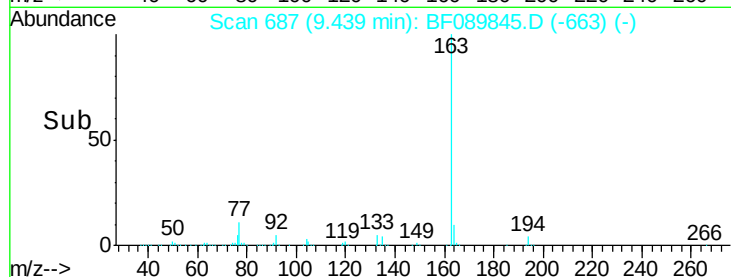
164 9.8 8.6 12.8



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: 11.18 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF089845.D

Acq: 23 Aug 2016 19:51

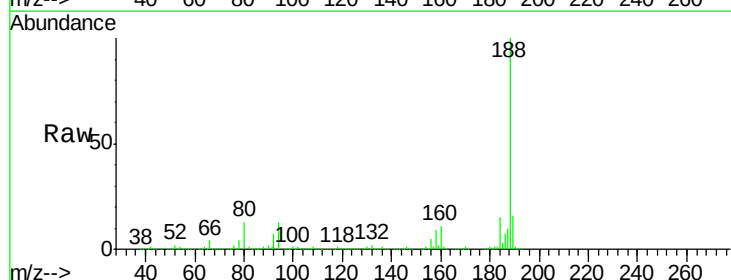
Tgt Ion:188 Resp: 1442983

Ion Ratio Lower Upper

188 100

94 12.7 10.2 15.2

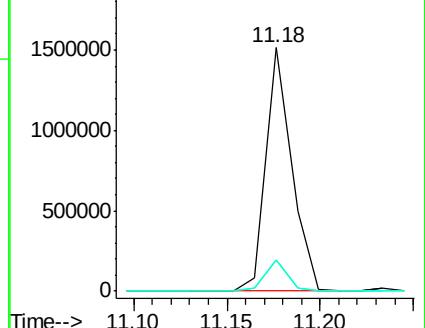
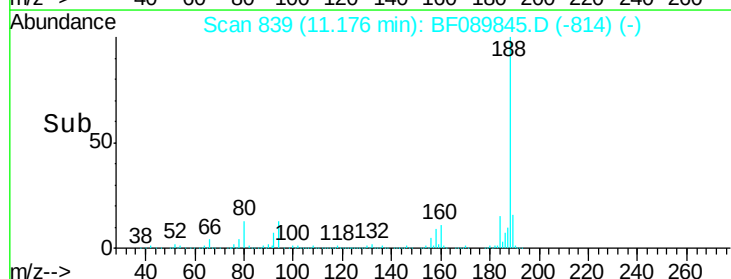
80 12.9 10.9 16.3

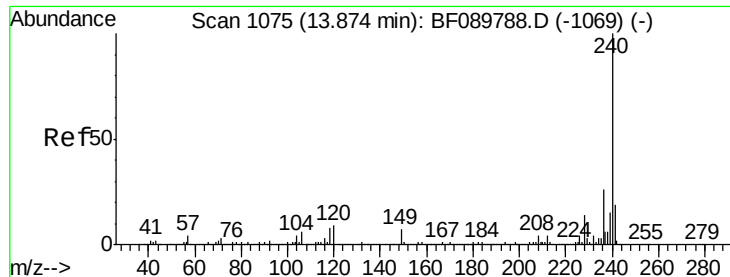


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.81 min Scan# 1069

Delta R.T. -0.07 min

Lab File: BF089845.D

Acq: 23 Aug 2016 19:51

Instrument :

BNA_F

ClientSampleId :

D-17(2-2.5)

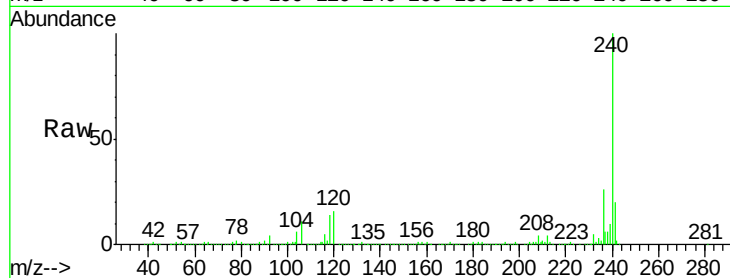
Tgt Ion:240 Resp: 1221581

Ion Ratio Lower Upper

240 100

120 16.1 8.3 12.5#

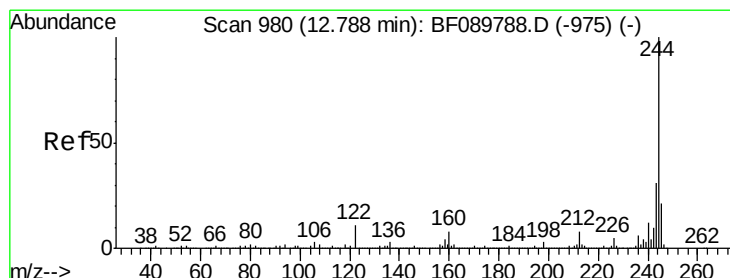
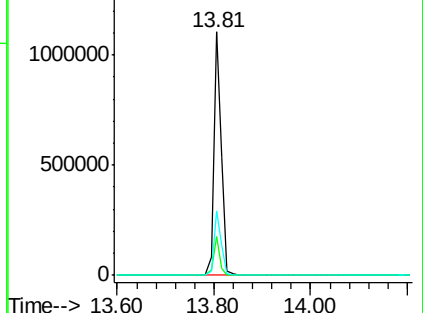
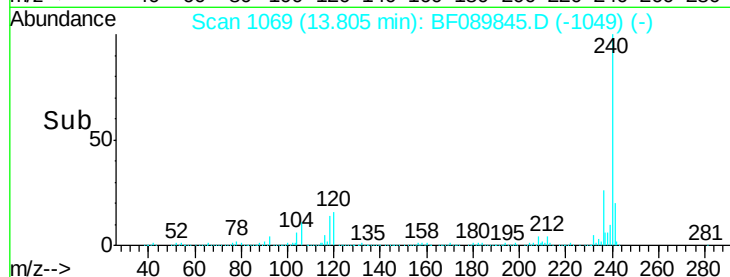
236 26.4 21.3 31.9



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: 63.74 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF089845.D

Acq: 23 Aug 2016 19:51

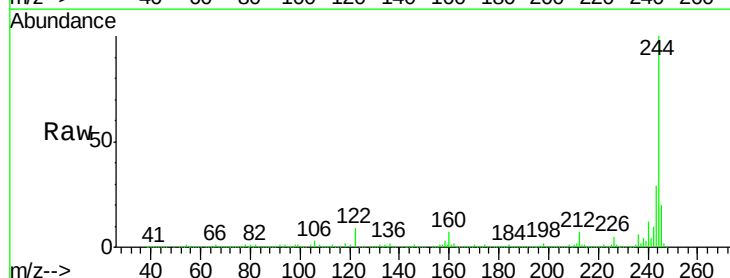
Tgt Ion:244 Resp: 3441961

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

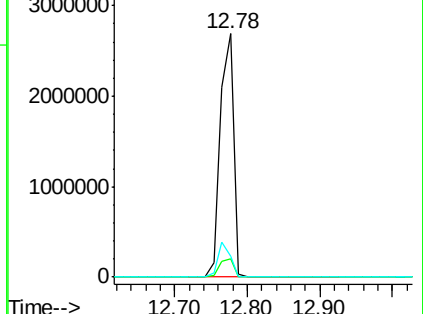
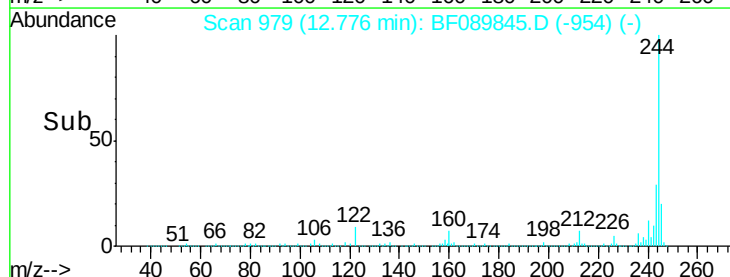
122 8.6 12.0 18.0#

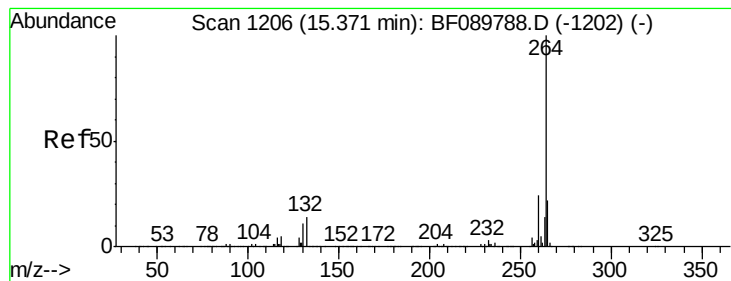


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.21 min Scan# 1192
Delta R.T. -0.16 min
Lab File: BF089845.D
Acq: 23 Aug 2016 19:51

Instrument :
BNA_F
ClientSampleId :
D-17(2-2.5)

Tgt Ion:	264	Resp:	981530
Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.2	30.2
265	22.7	17.4	26.2

