

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089738.D
 Acq On : 17 Aug 2016 2:44
 Operator : UM/SJ
 Sample : PB92850BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92850BL

Quant Time: Aug 17 04:37:10 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	848839	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	3537185	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1708863	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2896666	20.00	ng	0.00
75) Chrysene-d12	13.85	240	2652713	20.00	ng	-0.05
86) Perylene-d12	15.27	264	2331016	20.00	ng	-0.14
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	4691604	92.22	ng	0.01
7) Phenol-d6	6.34	99	7017158	108.44	ng	0.01
23) Nitrobenzene-d5	7.27	82	4269476	73.70	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1632342	98.74	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	7093253	66.61	ng	0.00
78) Terphenyl-d14	12.81	244	5941386	66.91	ng	0.00

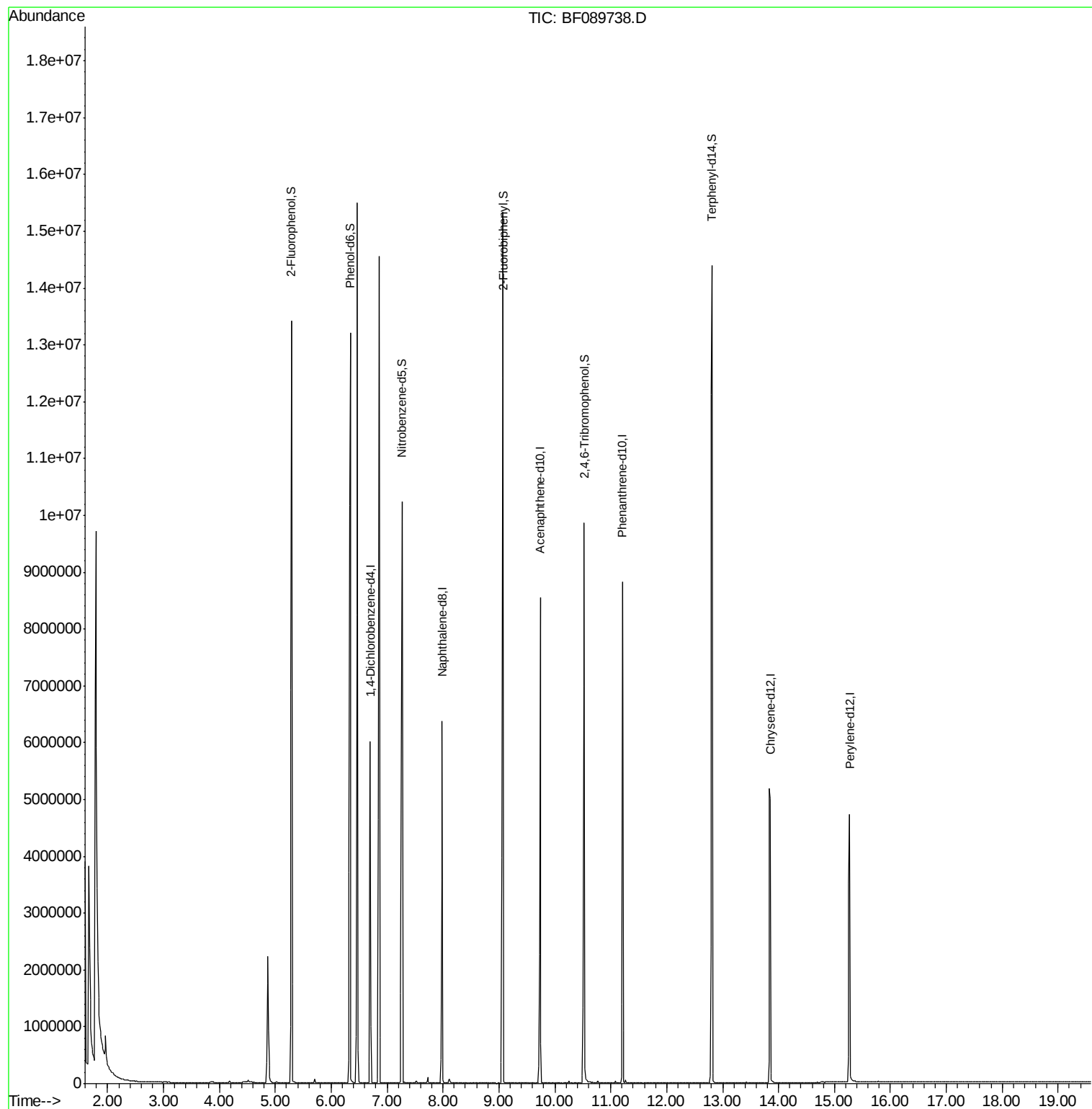
Target Compounds Qvalue

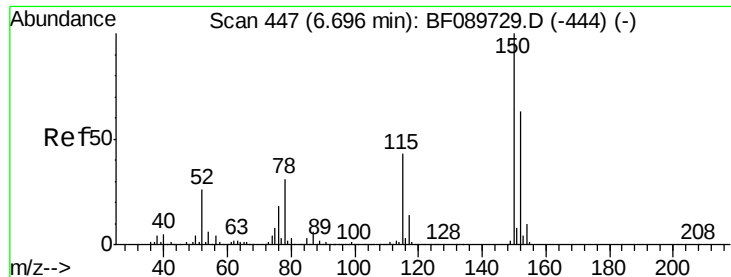
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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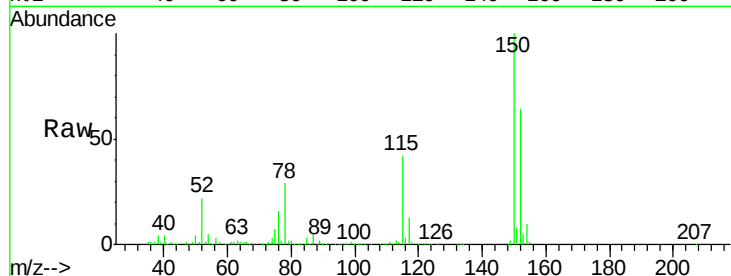


#1

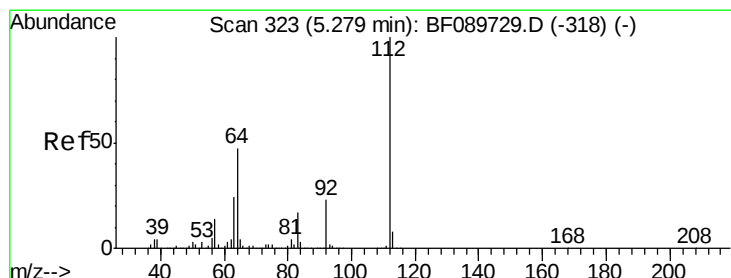
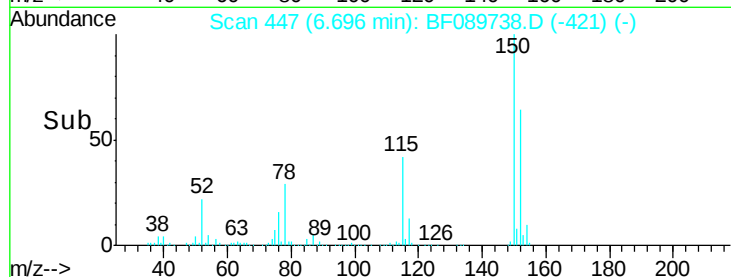
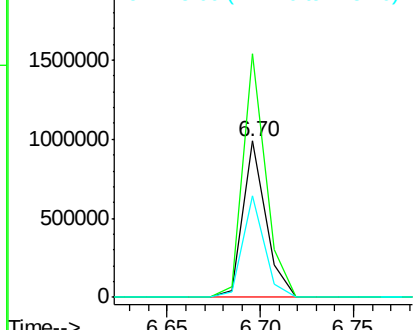
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF089738.D
Acq: 17 Aug 2016 2:44

Instrument :
BNA_F
ClientSampleId :
PB92850BL

Tot Ion:152 Resp: 848839
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 64.7 40.9 61.3#



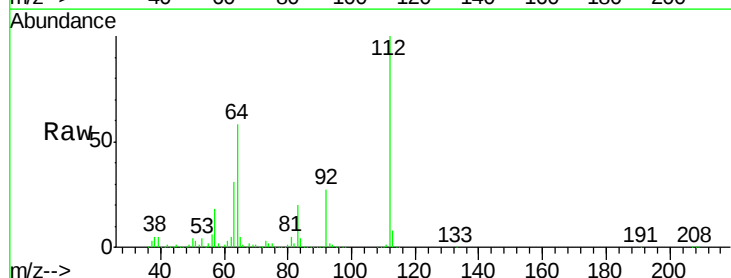
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



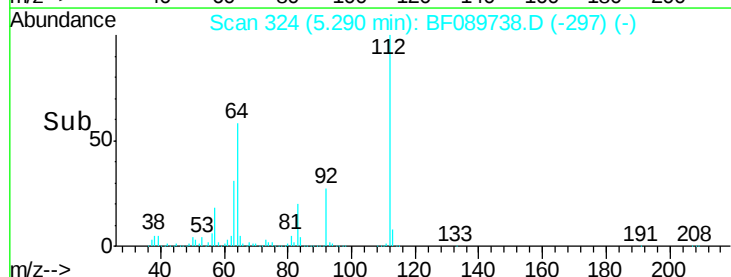
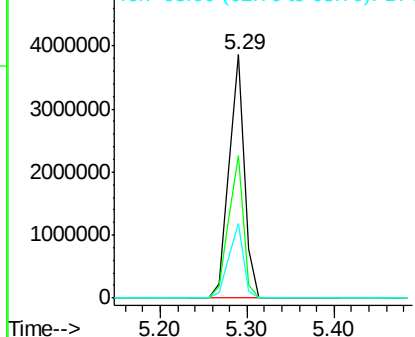
#5

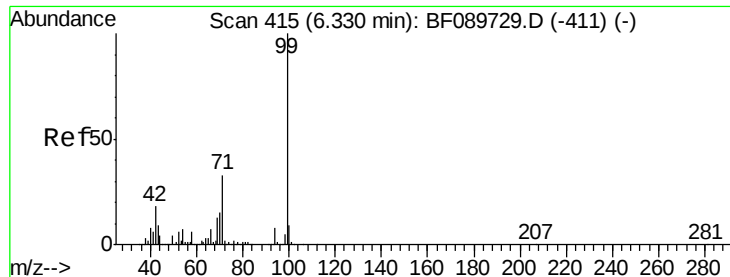
2-Fluorophenol
Concen: 92.22 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.01 min
Lab File: BF089738.D
Acq: 17 Aug 2016 2:44

Tgt Ion:112 Resp: 4691604
Ion Ratio Lower Upper
112 100
64 58.5 45.0 67.4
63 30.6 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: 108.44 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089738.D

Acq: 17 Aug 2016 2:44

Instrument :

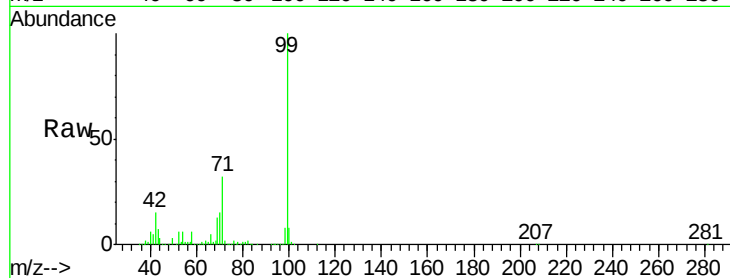
BNA_F

ClientSampleId :

PB92850BL

Tot Ion: 99 Resp: 7017158

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.2	18.4
71	32.4	23.8	35.8

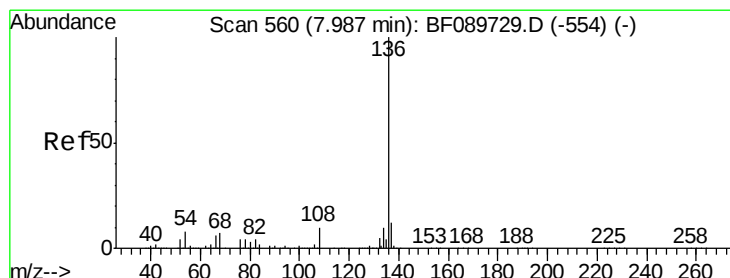
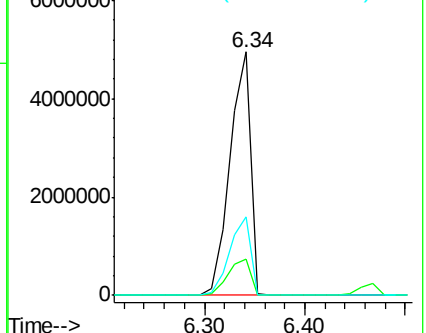
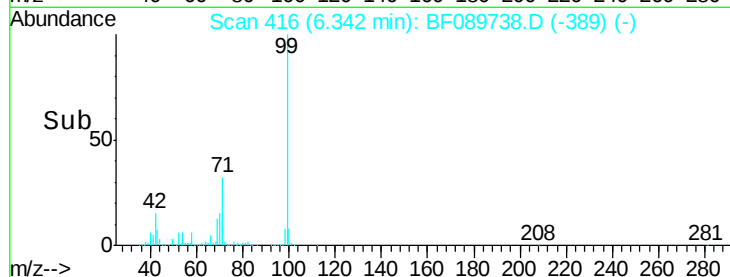


Abundance

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: 7.99 min Scan# 560

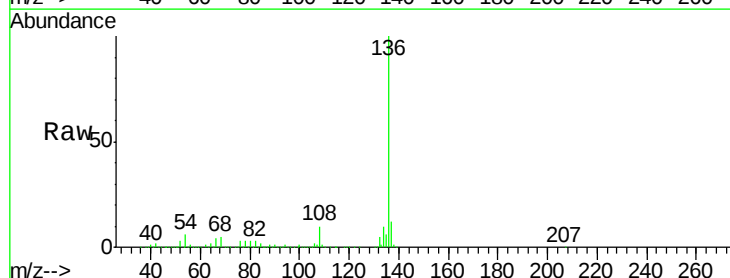
Delta R.T. 0.00 min

Lab File: BF089738.D

Acq: 17 Aug 2016 2:44

Tgt Ion: 136 Resp: 3537185

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	5.9	7.2	10.8#
68	5.3	5.8	8.8#



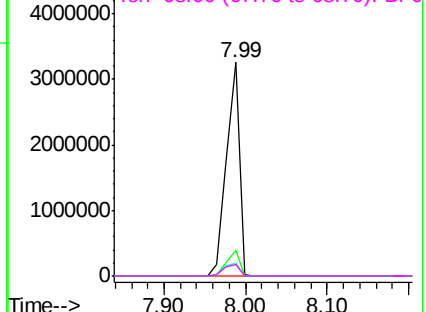
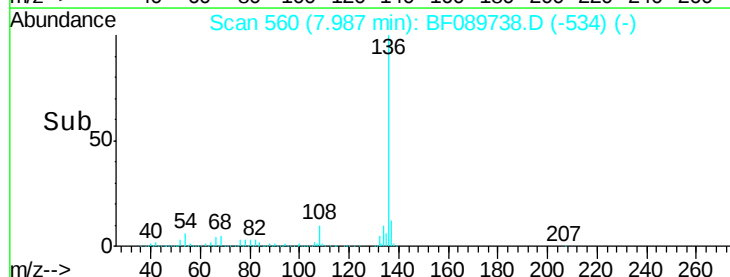
Abundance

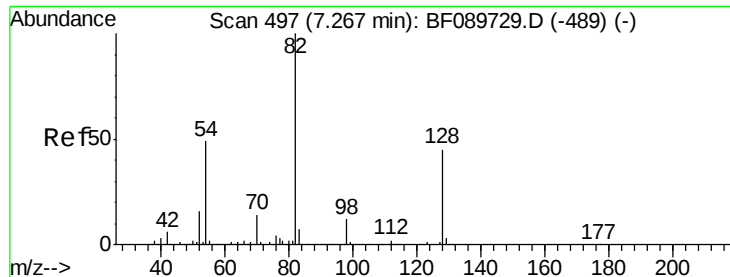
Ion 136.00 (135.70 to 136.70): E

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

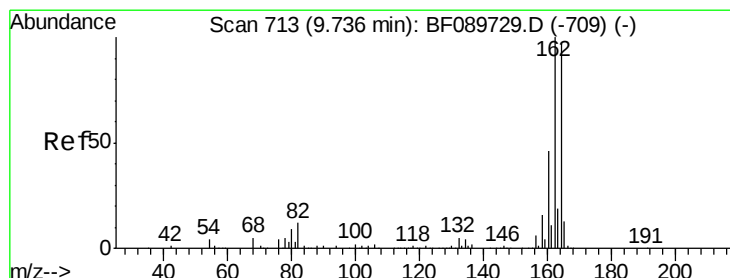
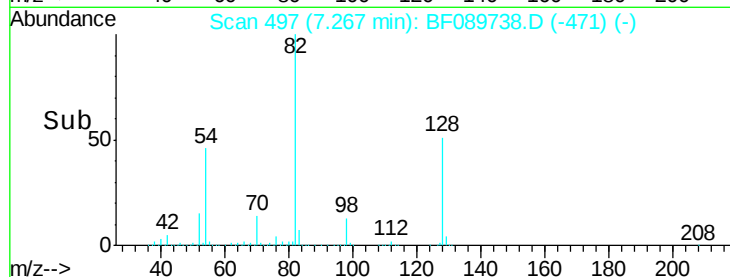
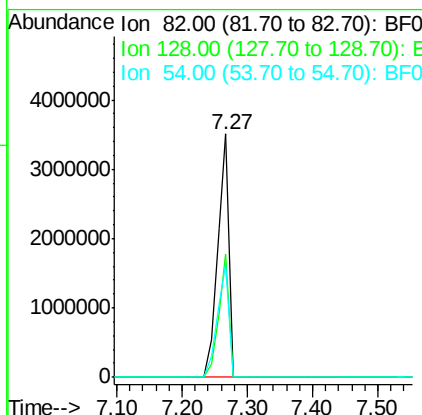
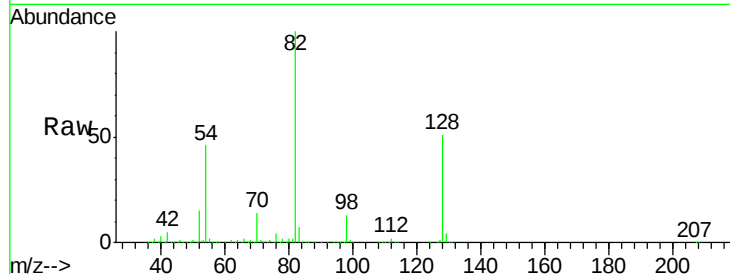




#23
 Nitrobenzene-d5
 Concen: 73.70 ng
 RT: 7.27 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: BF089738.D
 Acq: 17 Aug 2016 2:44

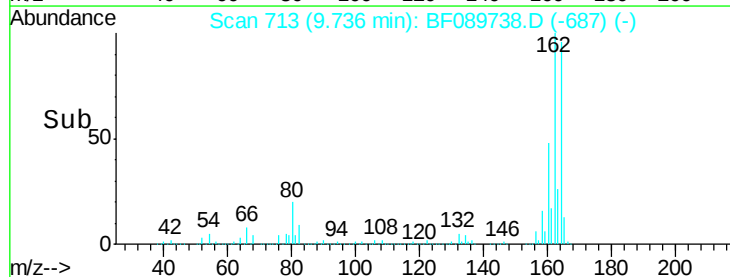
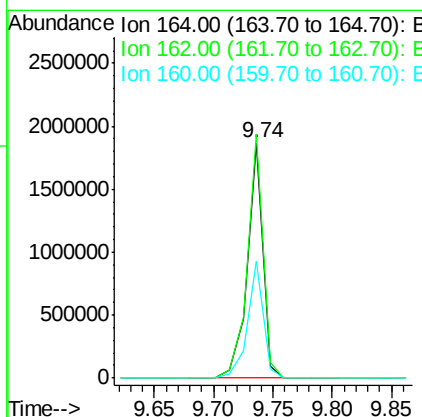
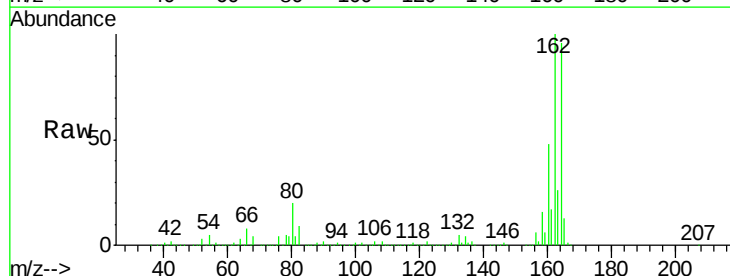
Instrument :
 BNA_F
 ClientSampled :
 PB92850BL

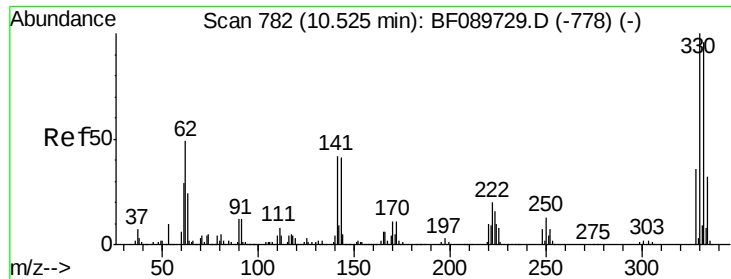
Tot Ion: 82 Resp: 4269476
 Ion Ratio Lower Upper
 82 100
 128 50.9 34.4 51.6
 54 46.2 40.3 60.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: BF089738.D
 Acq: 17 Aug 2016 2:44

Tgt Ion:164 Resp: 1708863
 Ion Ratio Lower Upper
 164 100
 162 103.7 81.4 122.2
 160 50.0 37.8 56.6

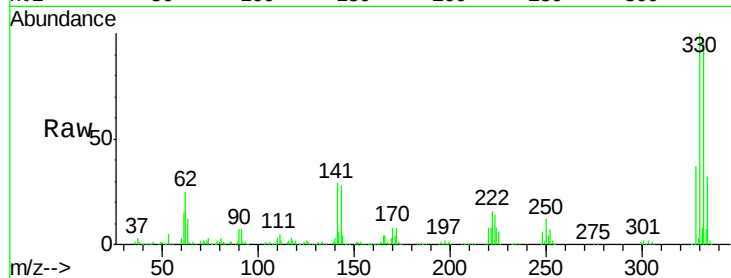




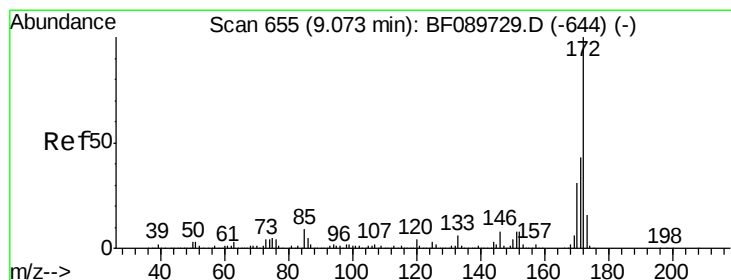
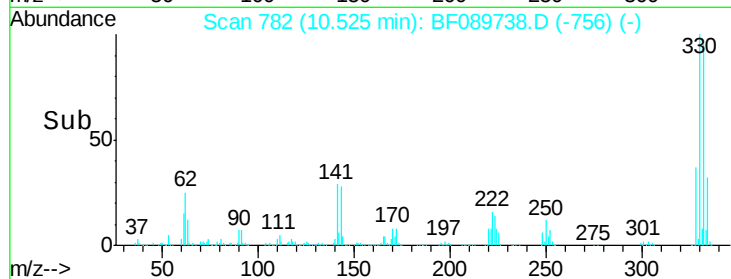
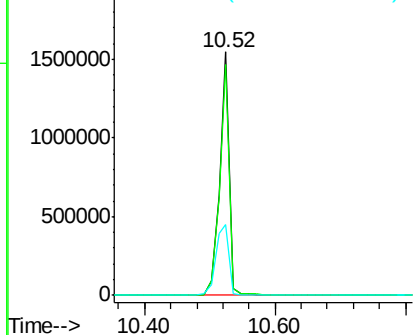
#41
 2,4,6-Tribromophenol
 Concen: 98.74 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089738.D
 Acq: 17 Aug 2016 2:44

Instrument :
 BNA_F
 ClientSampleId :
 PB92850BL

Tot Ion:330 Resp: 1632342
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.7 115.1
 141 39.8 30.2 45.2

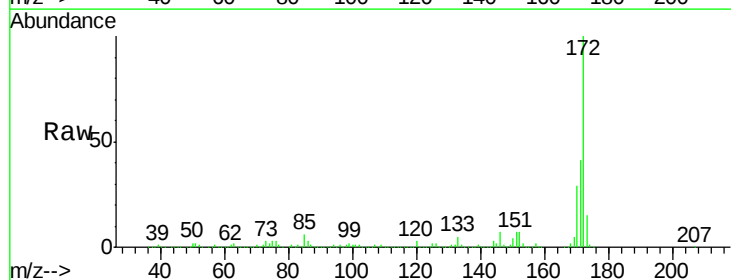


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

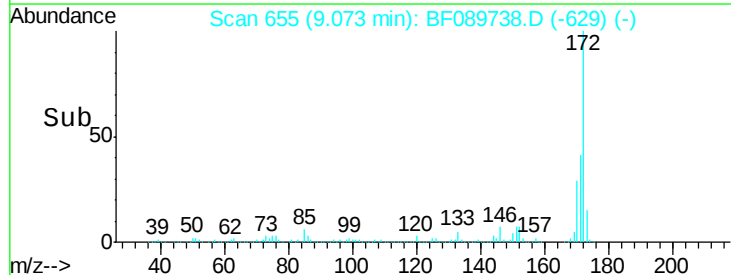
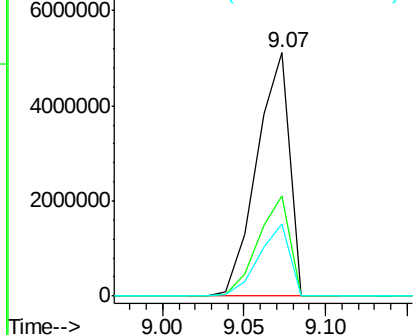


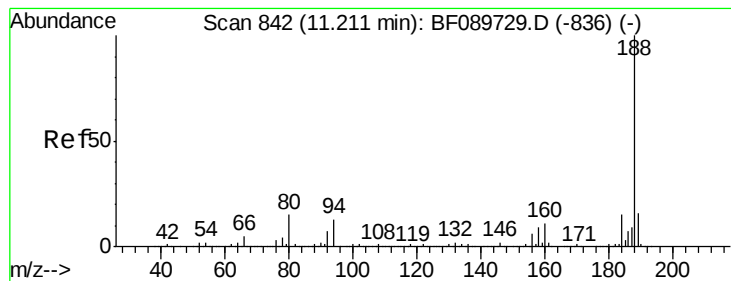
#44
 2-Fluorobiphenyl
 Concen: 66.61 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089738.D
 Acq: 17 Aug 2016 2:44

Tgt Ion:172 Resp: 7093253
 Ion Ratio Lower Upper
 172 100
 171 41.4 30.5 45.7
 170 29.4 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089738.D

Acq: 17 Aug 2016 2:44

Instrument :

BNA_F

ClientSampleId :

PB92850BL

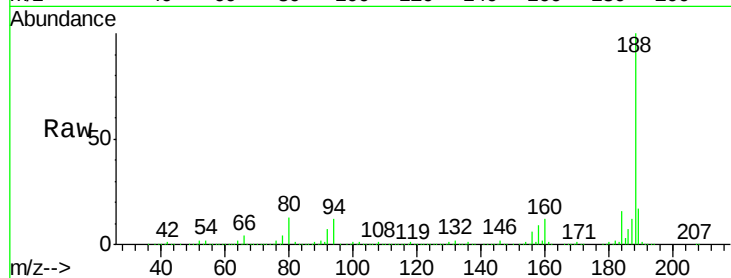
Tot Ion:188 Resp: 2896666

Ion Ratio Lower Upper

188 100

94 12.4 10.2 15.2

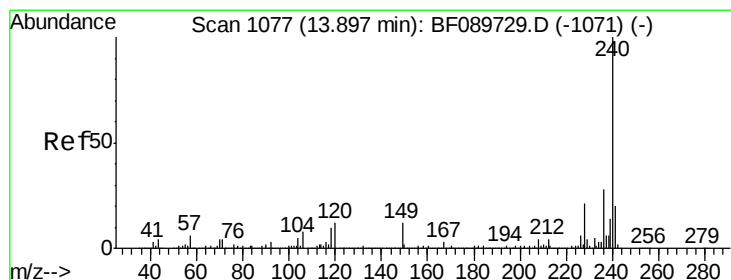
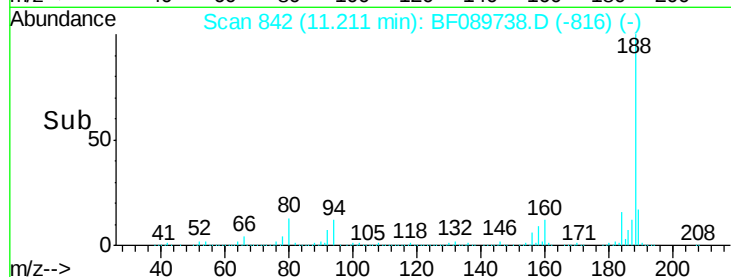
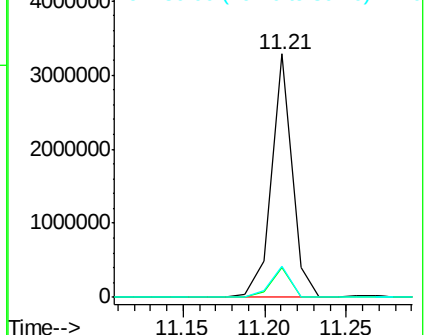
80 13.0 10.9 16.3



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: 13.85 min Scan# 1073

Delta R.T. -0.05 min

Lab File: BF089738.D

Acq: 17 Aug 2016 2:44

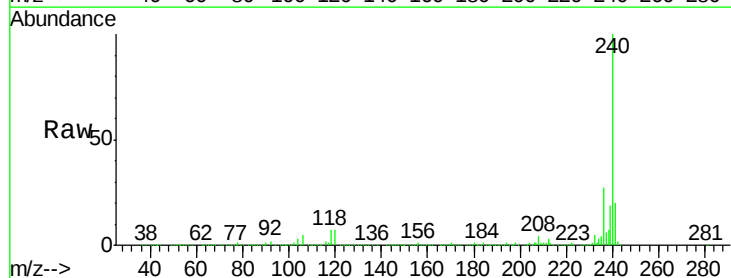
Tgt Ion:240 Resp: 2652713

Ion Ratio Lower Upper

240 100

120 7.5 8.3 12.5#

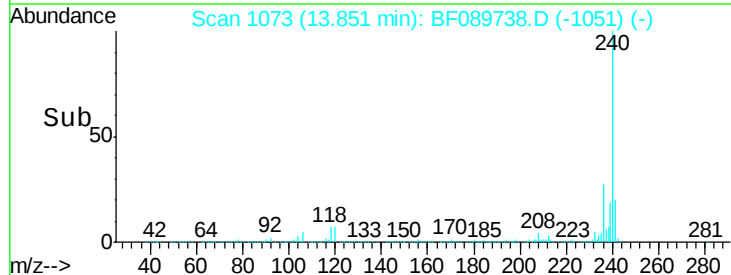
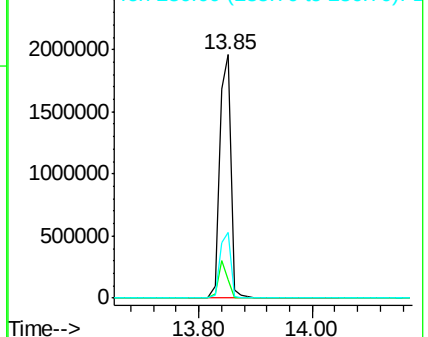
236 27.1 21.3 31.9

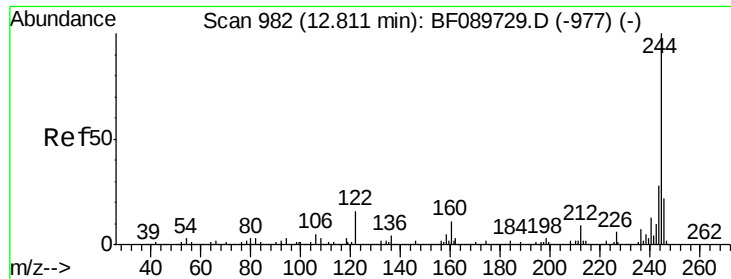


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

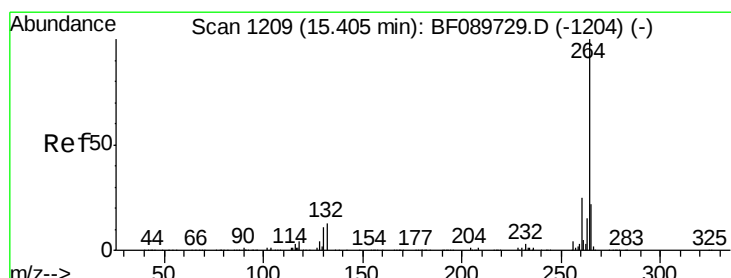
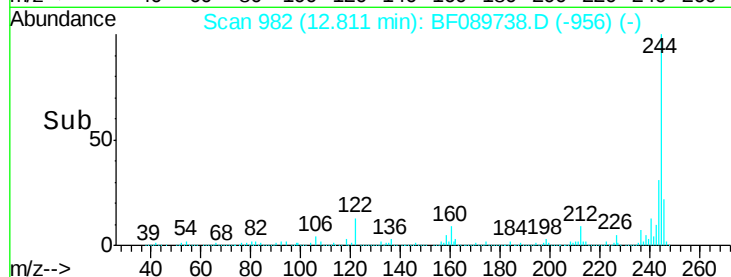
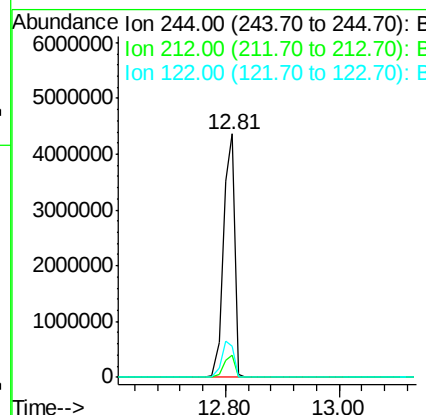
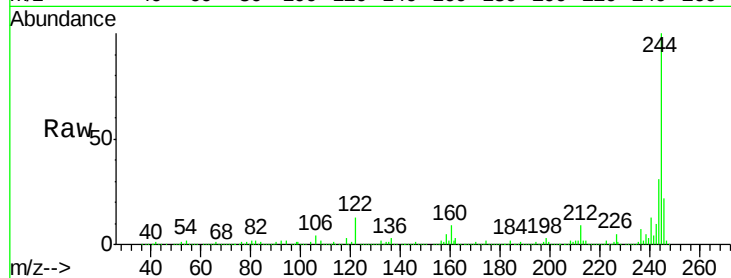




#78
 Terphenyl-d14
 Concen: 66.91 ng
 RT: 12.81 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF089738.D
 Acq: 17 Aug 2016 2:44

Instrument :
 BNA_F
 ClientSampleId :
 PB92850BL

Tot Ion:244 Resp: 5941386
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.3 9.5
 122 12.8 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.14 min
 Lab File: BF089738.D
 Acq: 17 Aug 2016 2:44

Tgt Ion:264 Resp: 2331016
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.2 30.2
 265 21.9 17.4 26.2

