

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089866.D
 Acq On : 24 Aug 2016 11:36
 Operator : UM/SJ
 Sample : PB93047BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BL

Quant Time: Aug 25 15:15:07 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	380170	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1628356	20.00	ng	-0.02
38) Acenaphthene-d10	9.70	164	731128	20.00	ng	-0.01
63) Phenanthrene-d10	11.18	188	1337764	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	1084602	20.00	ng	0.02
86) Perylene-d12	15.46	264	866548	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	3295047	148.64	ng	-0.01
7) Phenol-d6	6.31	99	3563998	130.97	ng	-0.01
23) Nitrobenzene-d5	7.23	82	2018097	76.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	763428	109.87	ng	-0.01
44) 2-Fluorobiphenyl	9.04	172	3927371	94.41	ng	-0.01
78) Terphenyl-d14	12.79	244	3334829	69.56	ng	0.00

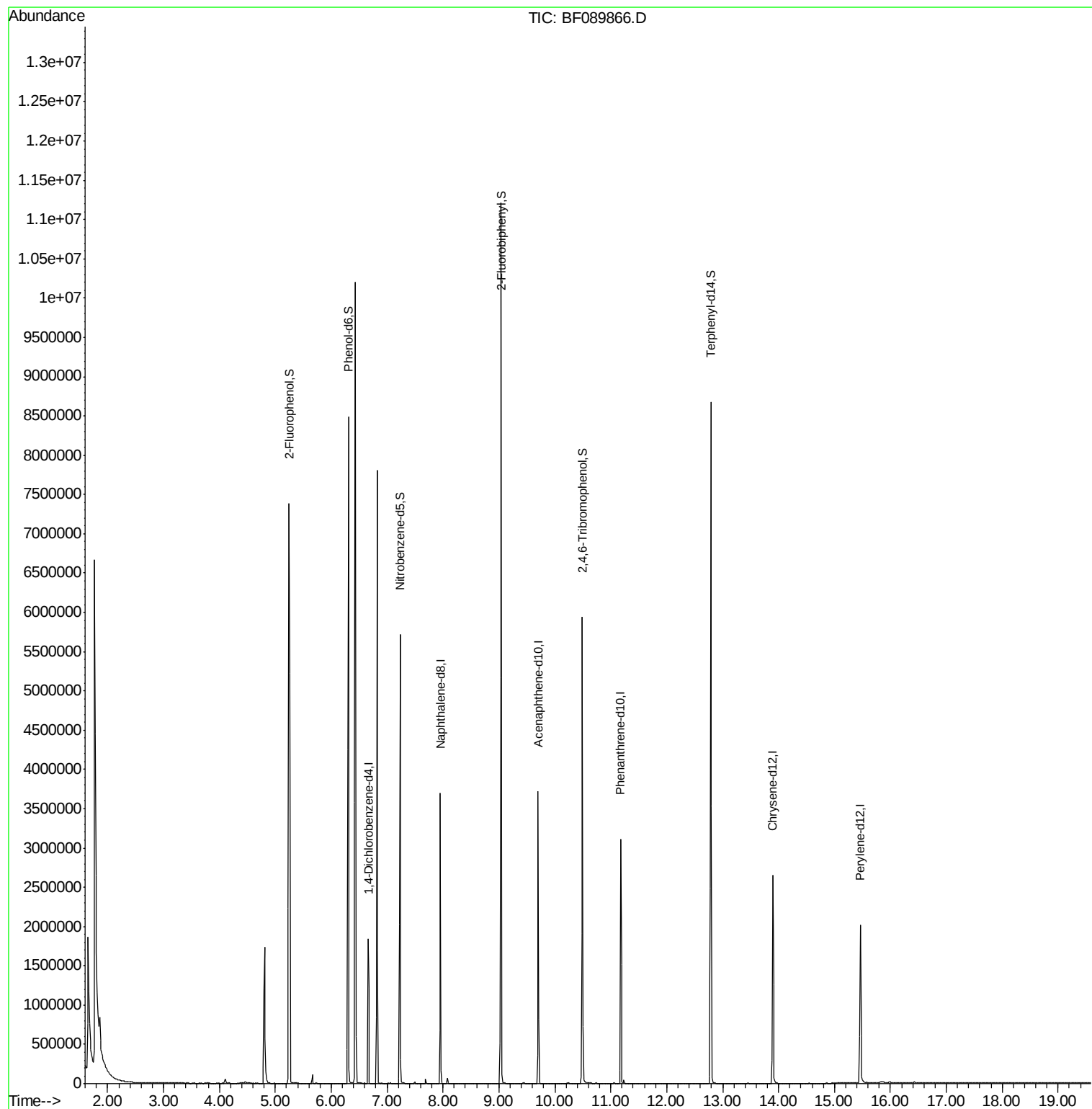
Target Compounds Qvalue

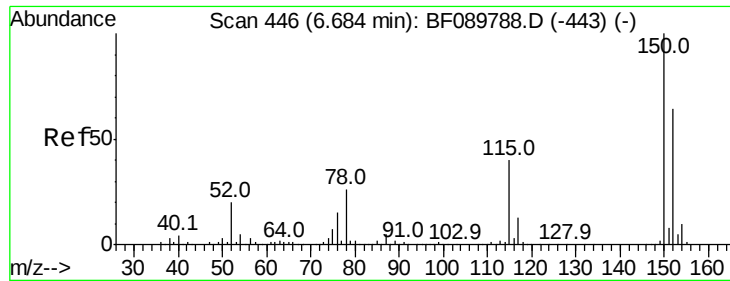
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 19 14:02:57 2016
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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: BF089866.D

Acq: 24 Aug 2016 11:36

Instrument :

BNA_F

ClientSampleId :

PB93047BL

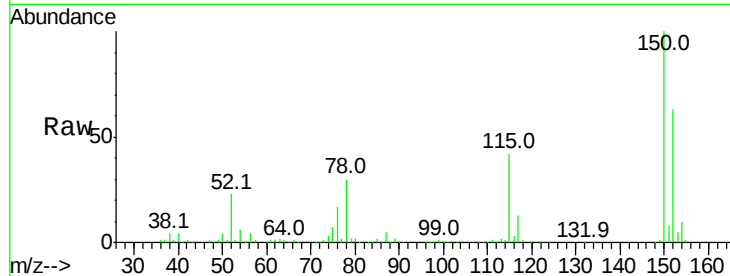
Tot Ion:152 Resp: 380170

Ion Ratio Lower Upper

152 100

150 159.9 125.3 187.9

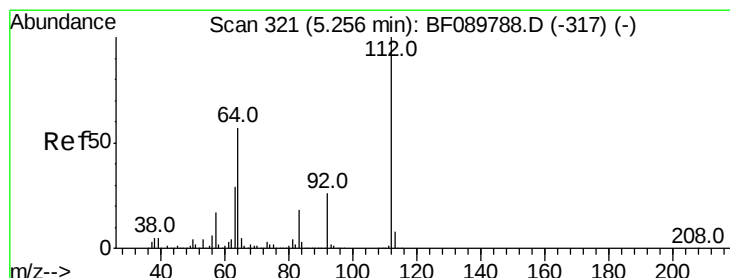
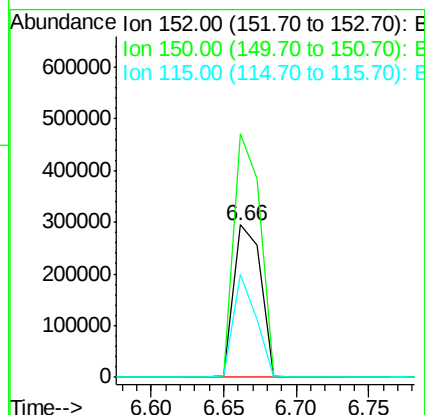
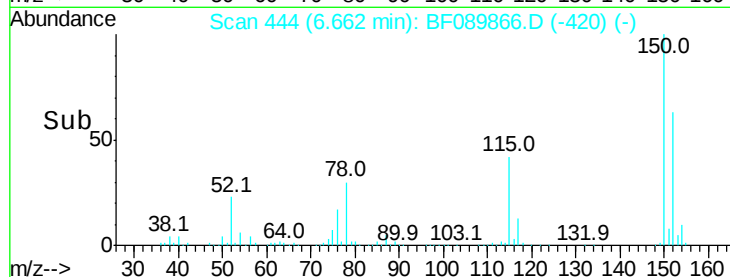
115 67.3 40.9 61.3#



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: 148.64 ng

RT: 5.24 min Scan# 320

Delta R.T. -0.01 min

Lab File: BF089866.D

Acq: 24 Aug 2016 11:36

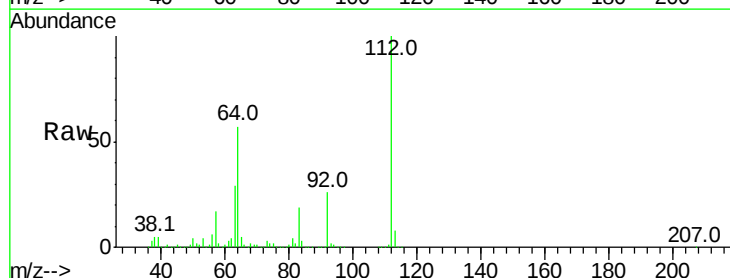
Tgt Ion:112 Resp: 3295047

Ion Ratio Lower Upper

112 100

64 56.7 45.0 67.4

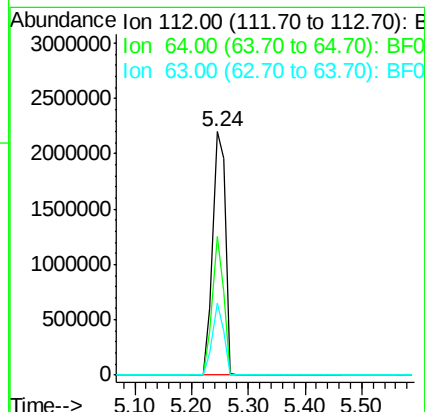
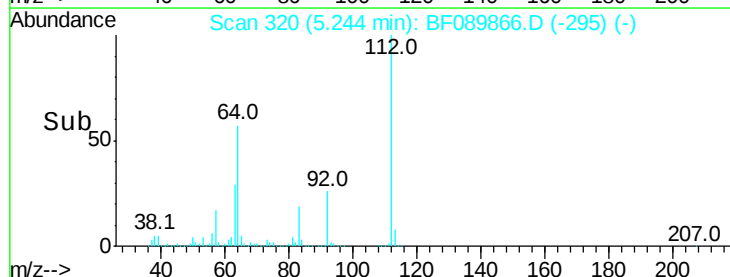
63 29.4 23.1 34.7

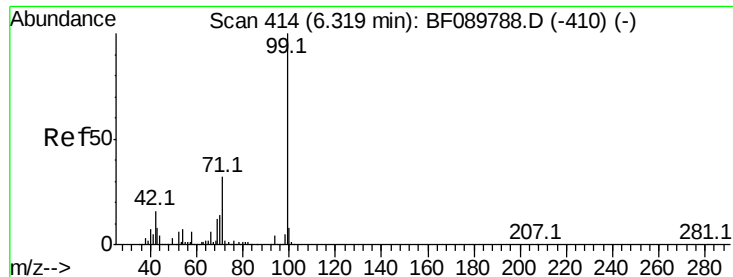


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.97 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF089866.D

Acq: 24 Aug 2016 11:36

Instrument :

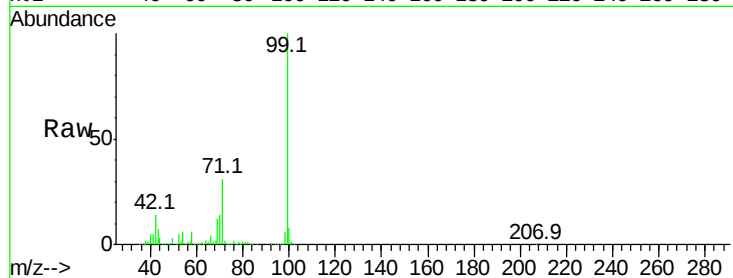
BNA_F

ClientSampleId :

PB93047BL

Tot Ion: 99 Resp: 3563998

Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.2	18.4
71	31.0	23.8	35.8

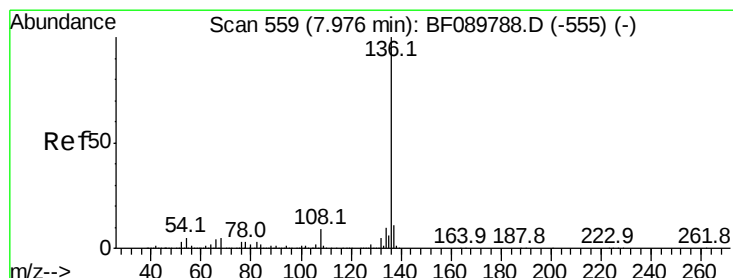
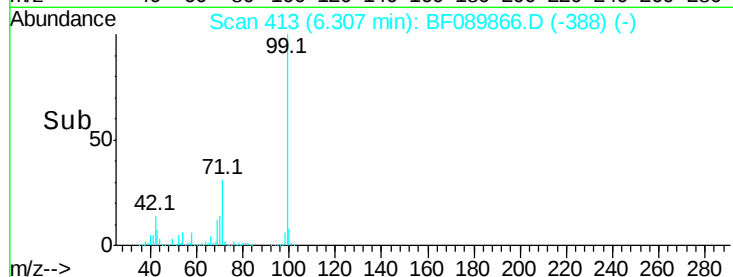
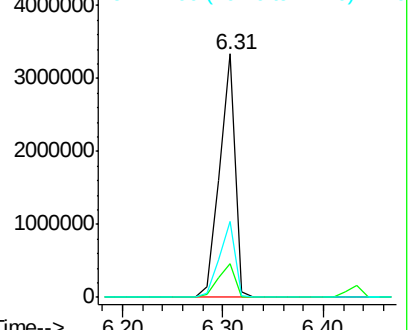


Abundance

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

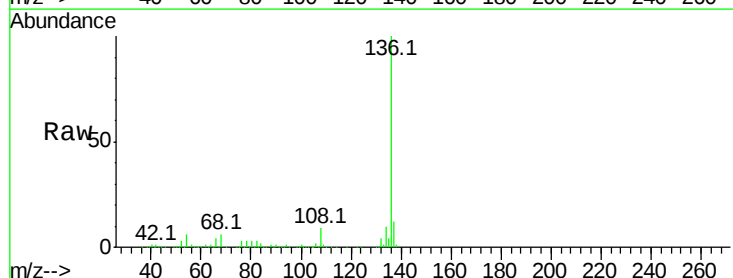
Delta R.T. -0.02 min

Lab File: BF089866.D

Acq: 24 Aug 2016 11:36

Tgt Ion: 136 Resp: 1628356

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.1	7.2	10.8#
68	5.7	5.8	8.8#



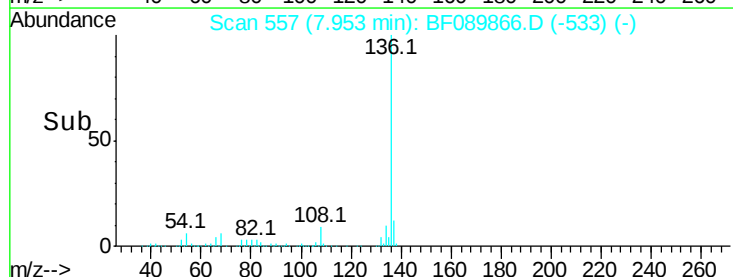
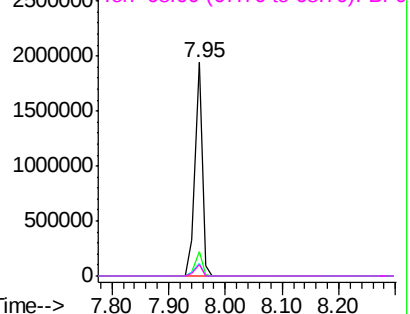
Abundance

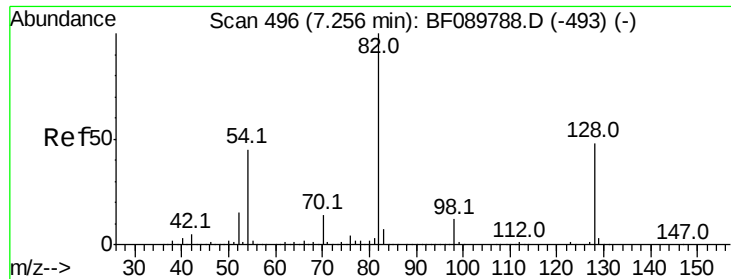
Ion 136.00 (135.70 to 136.70): E

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



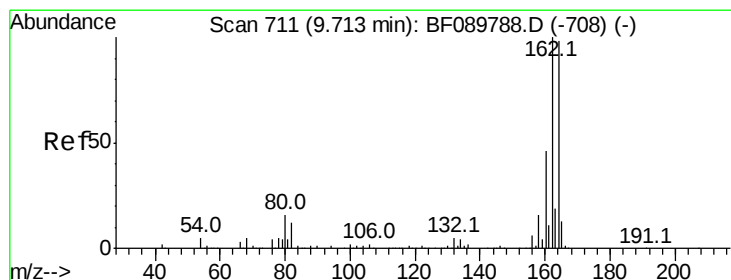
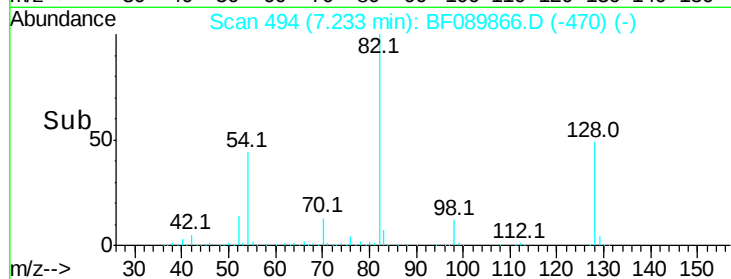
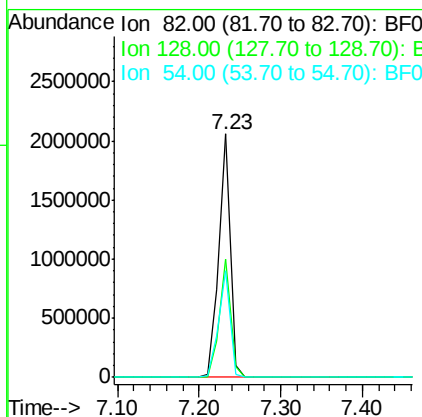
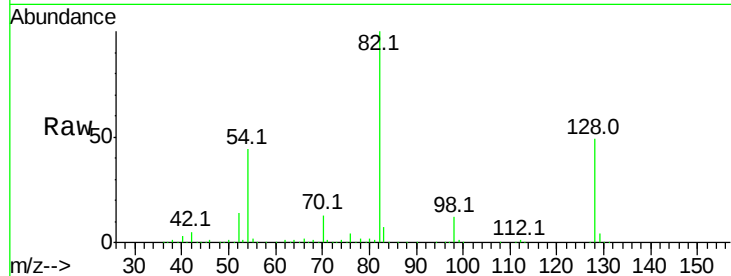


#23
 Nitrobenzene-d5
 Concen: 76.99 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Instrument :
 BNA_F
 ClientSampleID :
 PB93047BL

Tot Ion: 82 Resp: 2018097

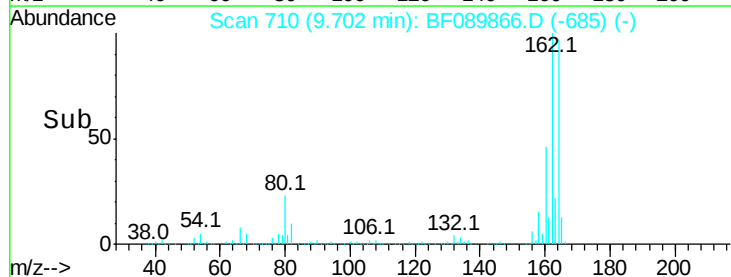
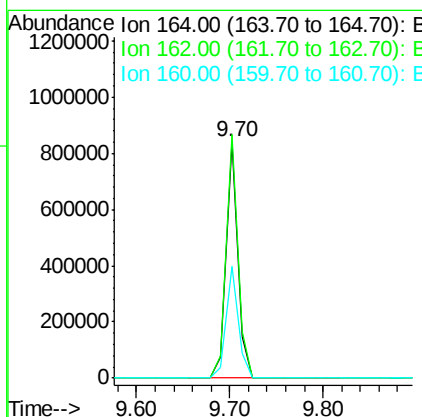
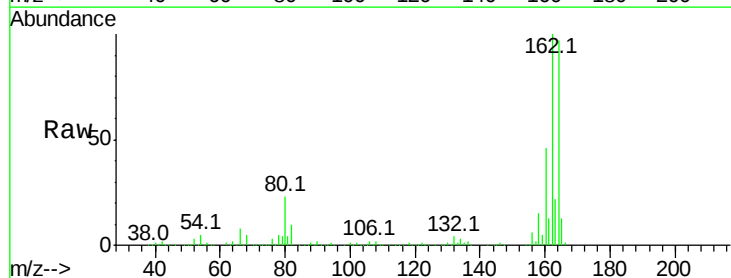
Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.4	51.6
54	43.8	40.3	60.5

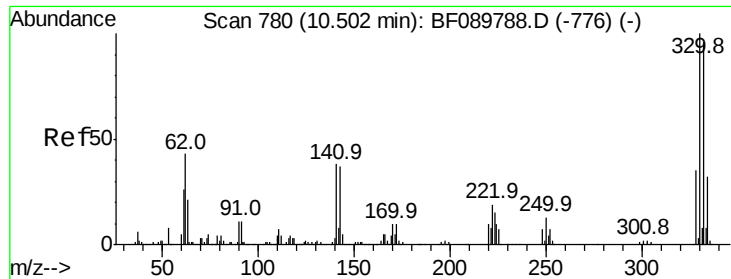


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.70 min Scan# 710
 Delta R.T. -0.01 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Tgt Ion:164 Resp: 731128

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.4	122.2
160	47.2	37.8	56.6

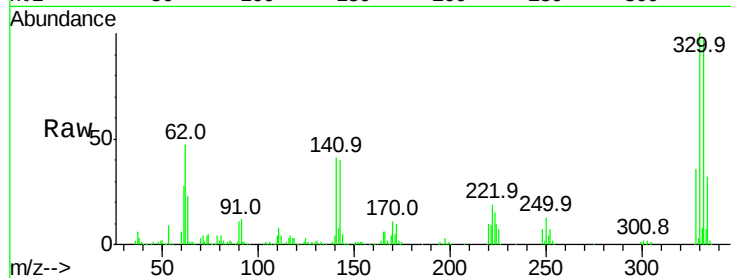




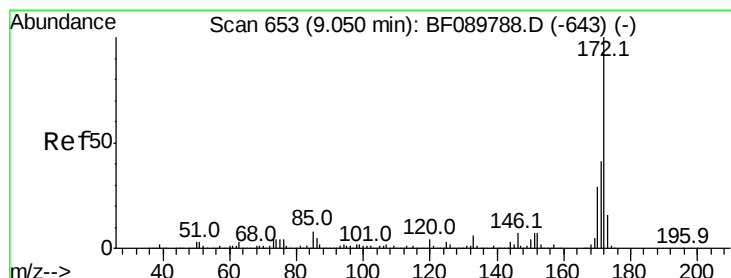
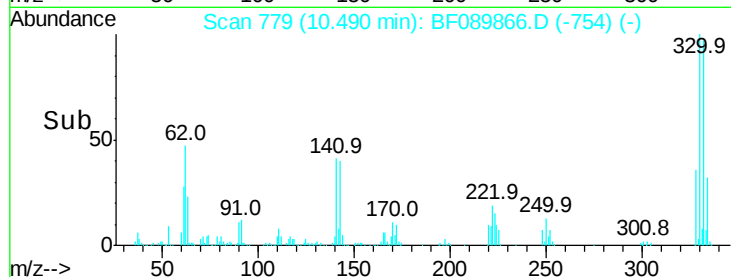
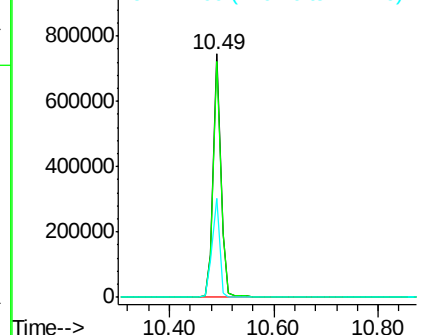
#41
 2,4,6-Tribromophenol
 Concen: 109.87 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.01 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Instrument :
 BNA_F
 ClientSampleID :
 PB93047BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.7	115.1
141	39.7	30.2	45.2

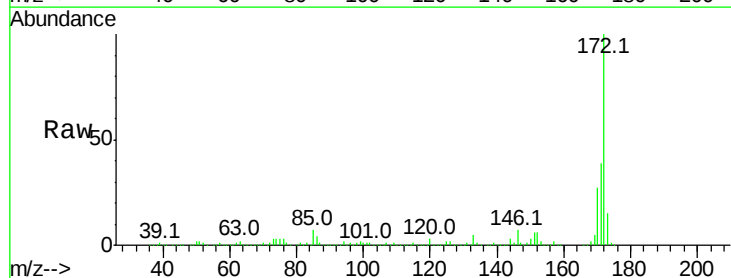


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

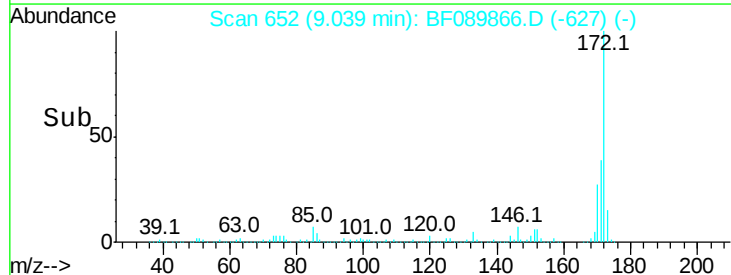
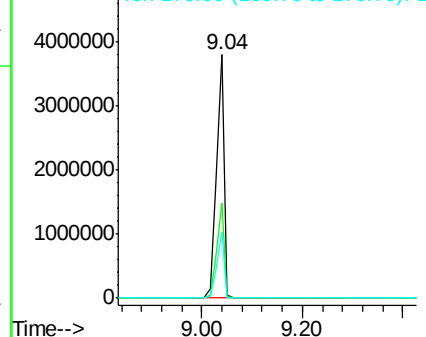


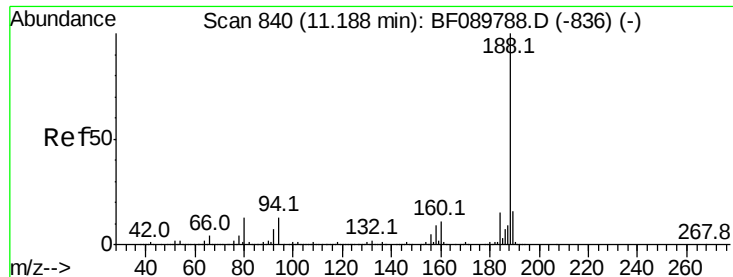
#44
 2-Fluorobiphenyl
 Concen: 94.41 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	30.5	45.7
170	26.9	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

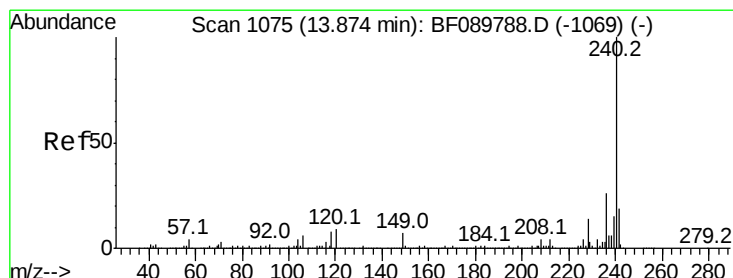
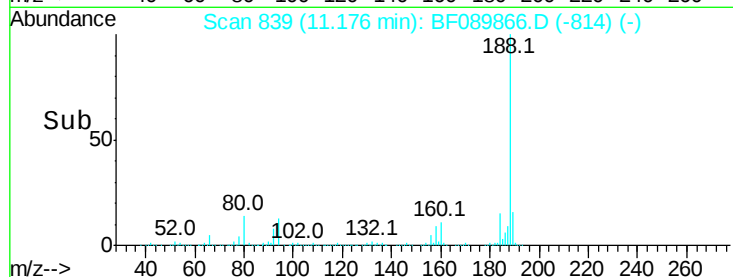
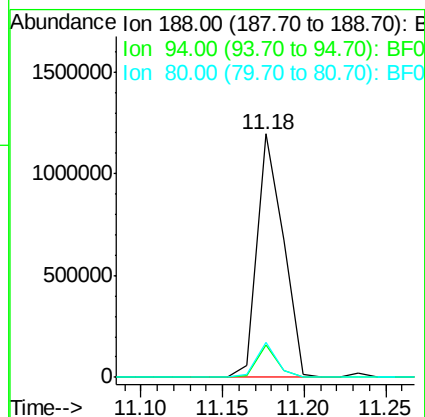
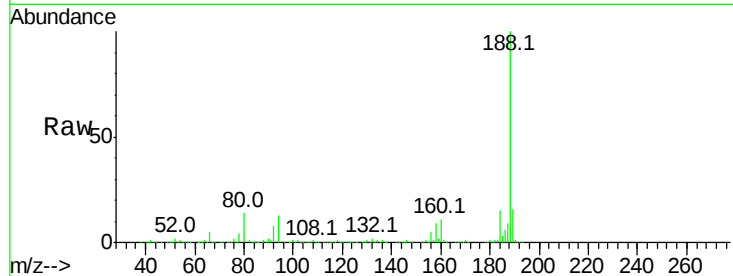




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089866.D
Acq: 24 Aug 2016 11:36

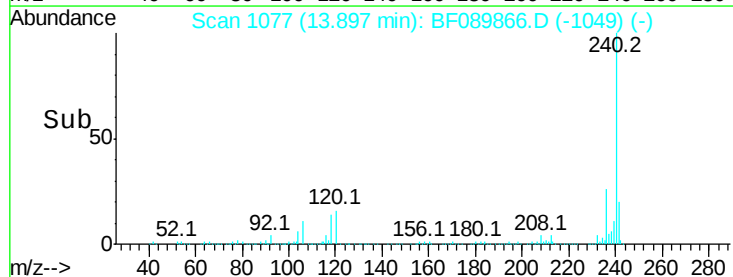
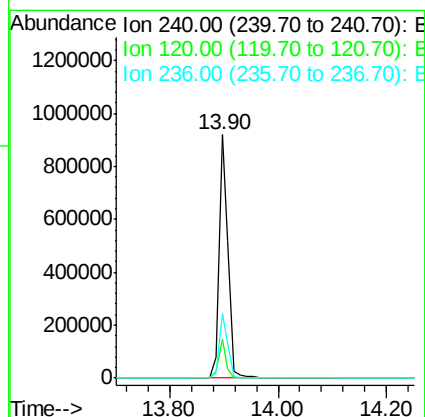
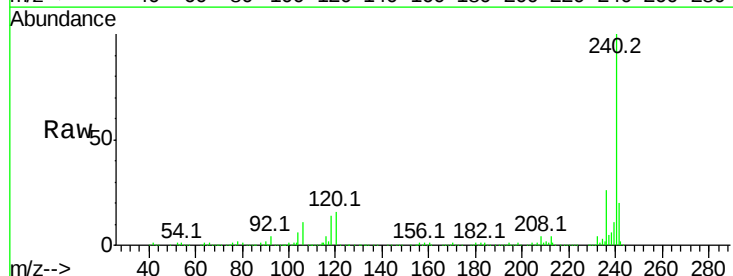
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BNA_F
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PB93047BL

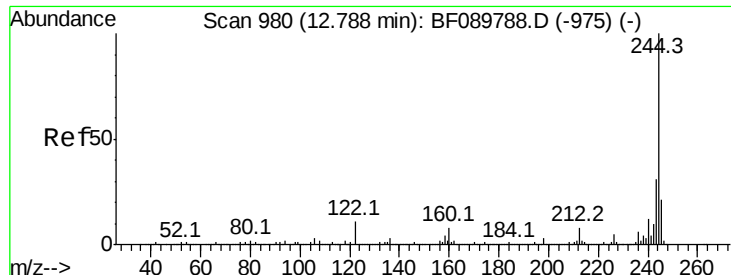
Tot Ion:188 Resp: 1337764
Ion Ratio Lower Upper
188 100
94 13.3 10.2 15.2
80 14.1 10.9 16.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1077
Delta R.T. 0.02 min
Lab File: BF089866.D
Acq: 24 Aug 2016 11:36

Tgt Ion:240 Resp: 1084602
Ion Ratio Lower Upper
240 100
120 16.0 8.3 12.5#
236 26.4 21.3 31.9

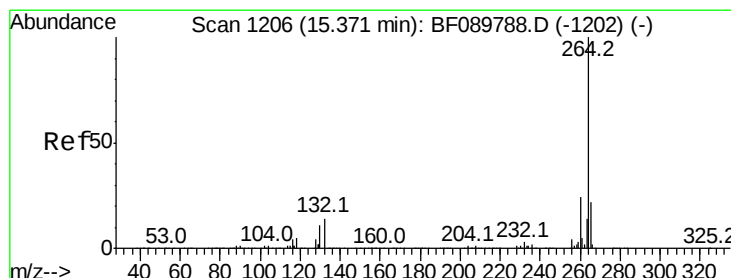
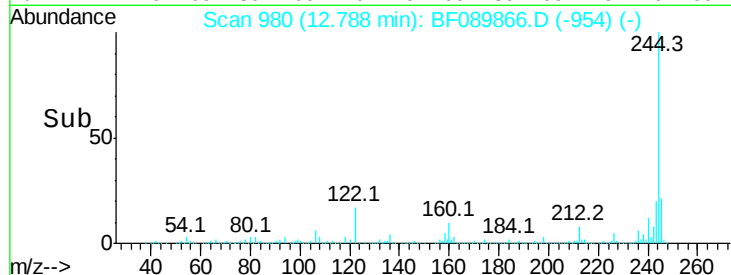
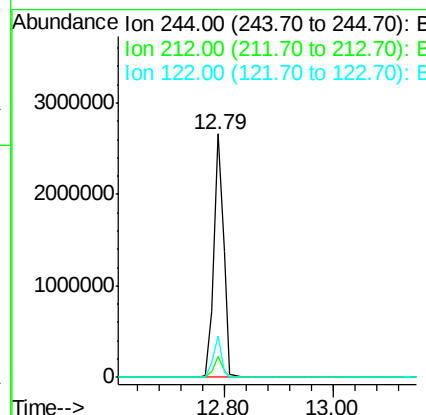
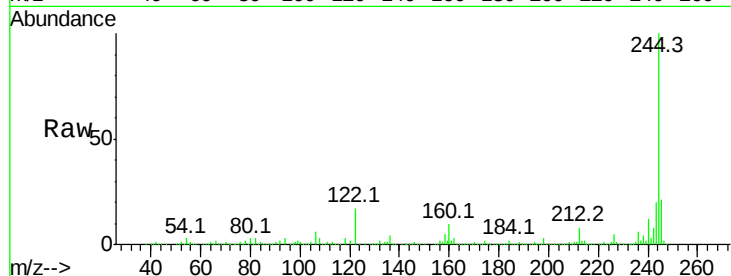




#78
 Terphenyl-d14
 Concen: 69.56 ng
 RT: 12.79 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Instrument :
 BNA_F
 ClientSampleId :
 PB93047BL

Tot Ion:244 Resp: 3334829
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.3 9.5
 122 16.8 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1214
 Delta R.T. 0.09 min
 Lab File: BF089866.D
 Acq: 24 Aug 2016 11:36

Tgt Ion:264 Resp: 866548
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.2 30.2
 265 22.0 17.4 26.2

