

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096871.D
 Acq On : 19 Jul 2017 15:47
 Operator : SJ/JU
 Sample : PB100755BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100755BL

Quant Time: Jul 19 18:53:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	134749	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	582825	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	236616	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	425907	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	373245	20.00	ng	-0.02
86) Perylene-d12	15.09	264	258348	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	876454	97.80	ng	0.00
7) Phenol-d6	6.24	99	1077531	100.19	ng	-0.01
23) Nitrobenzene-d5	7.15	82	636896	67.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	205736	101.86	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	985775	65.82	ng	-0.01
78) Terphenyl-d14	12.68	244	870077	40.43	ng	-0.01

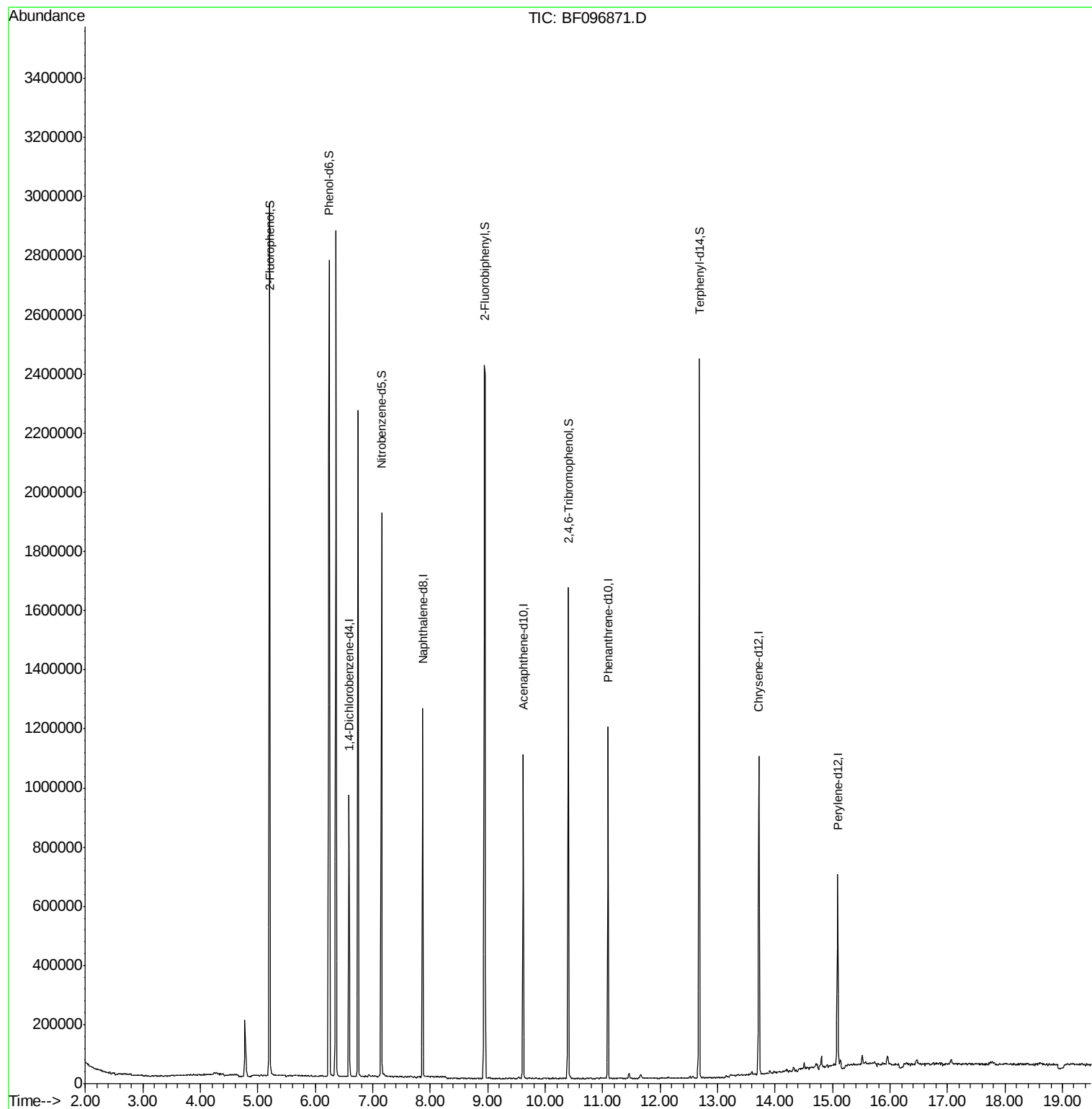
Target Compounds Qvalue

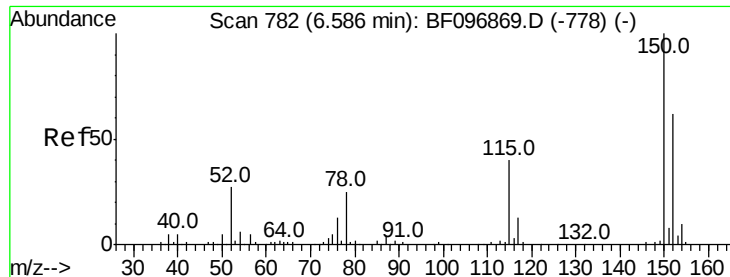
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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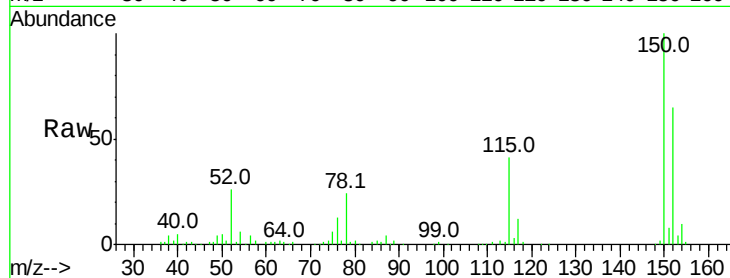


#1

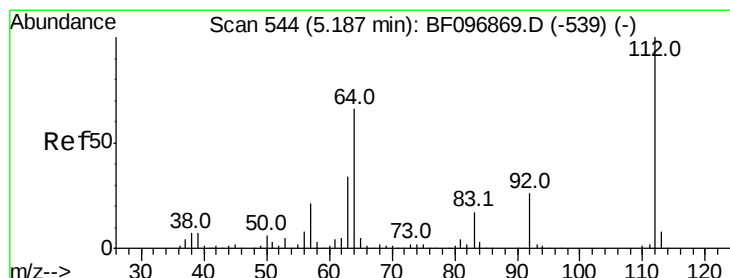
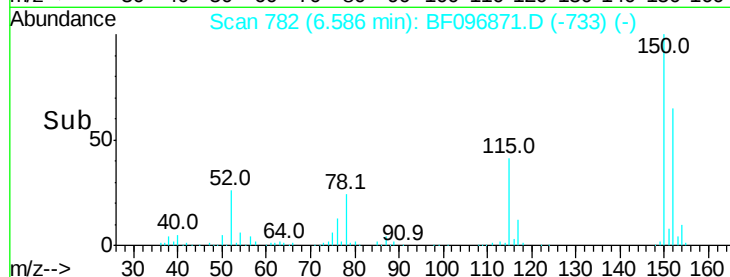
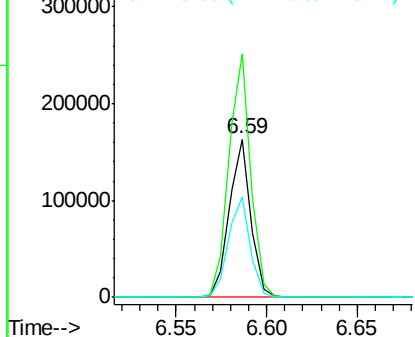
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Instrument :
BNA_F
ClientSampleId :
PB100755BL

Tot Ion:152 Resp: 134749
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 63.1 52.2 78.2



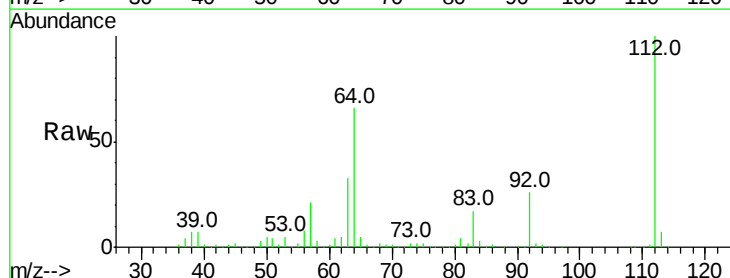
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



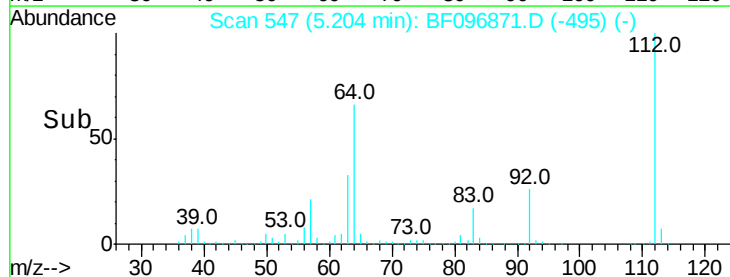
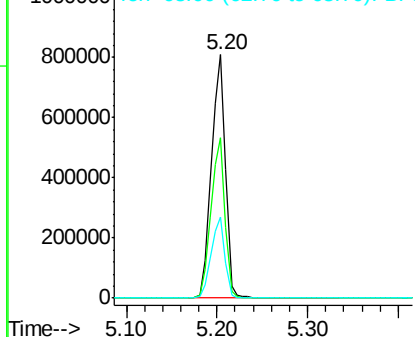
#5

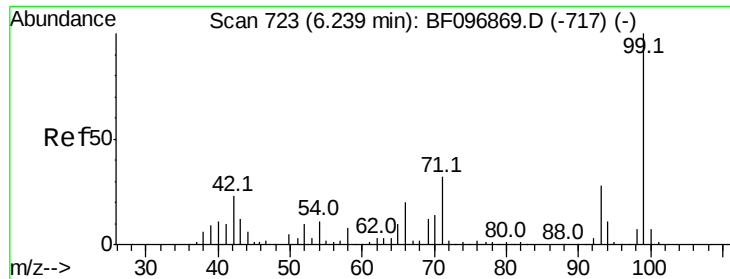
2-Fluorophenol
Concen: 97.798 ng
RT: 5.20 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF096871.D
Acq: 19 Jul 2017 15:47

Tgt Ion:112 Resp: 876454
Ion Ratio Lower Upper
112 100
64 65.7 46.0 69.0
63 33.1 23.4 35.0



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: 100.194 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

Instrument :

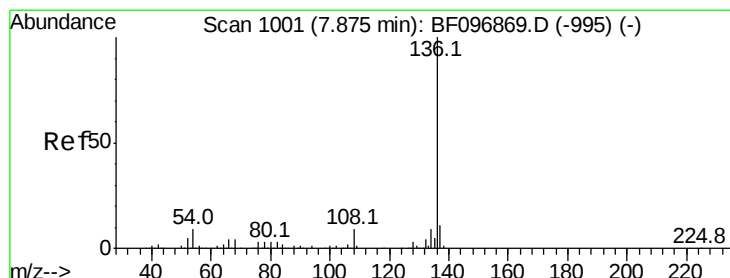
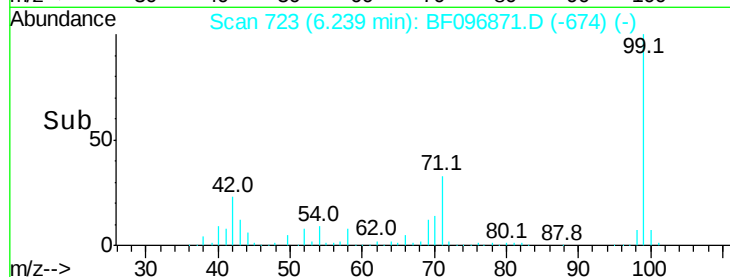
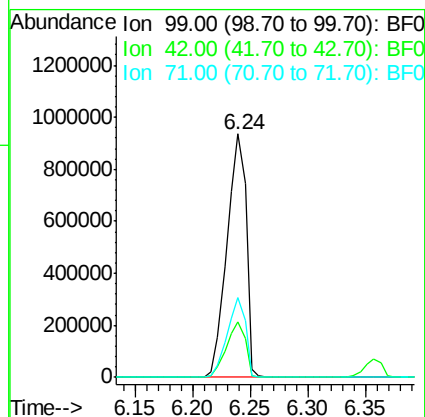
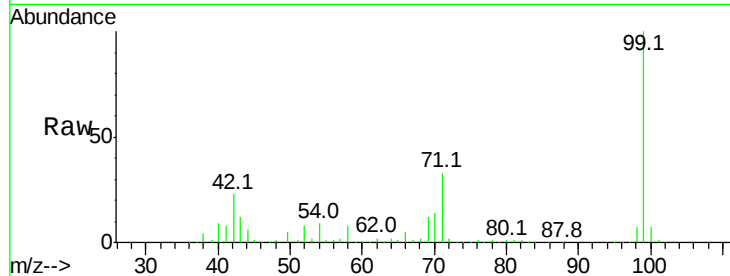
BNA_F

ClientSampleId :

PB100755BL

Tot Ion: 99 Resp: 1077531

Ion	Ratio	Lower	Upper
99	100		
42	23.0	13.5	20.3#
71	32.9	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.87 min Scan# 1000

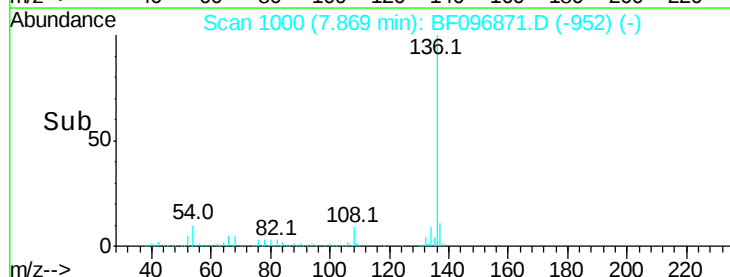
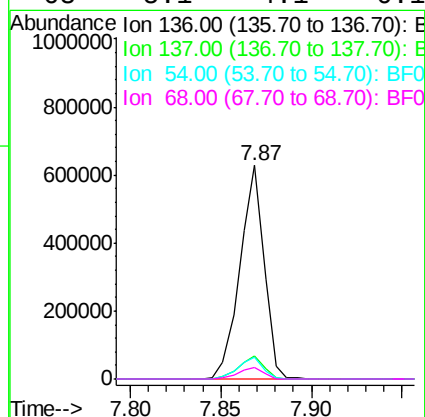
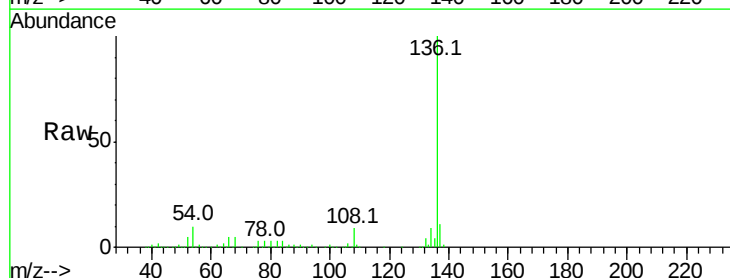
Delta R.T. -0.02 min

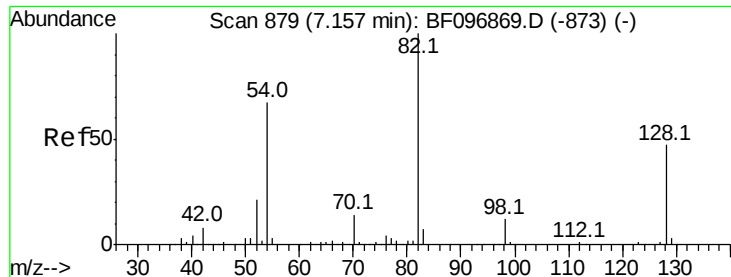
Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

Tgt Ion: 136 Resp: 582825

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.1	4.9	7.3#
68	5.1	4.1	6.1

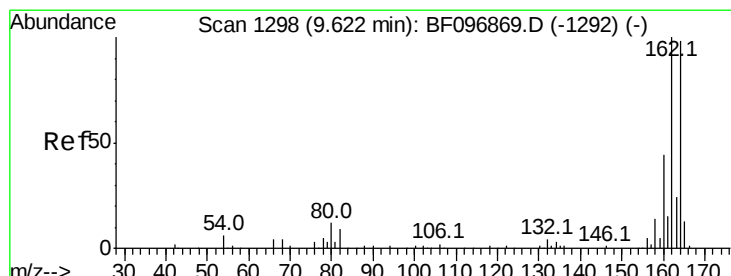
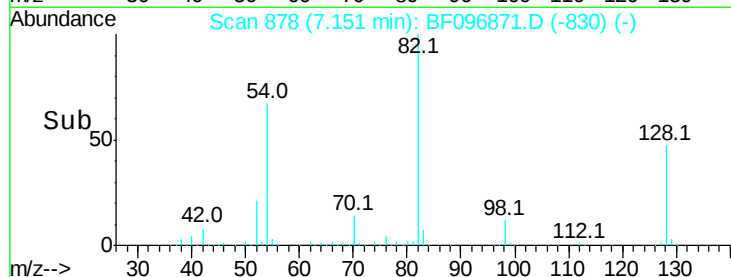
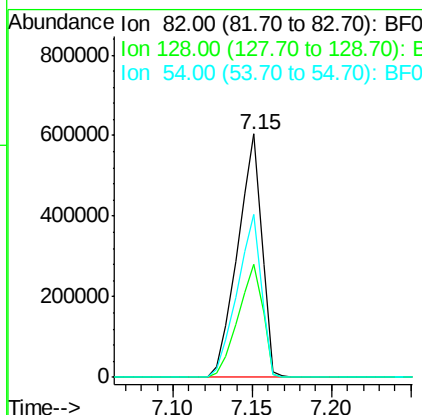
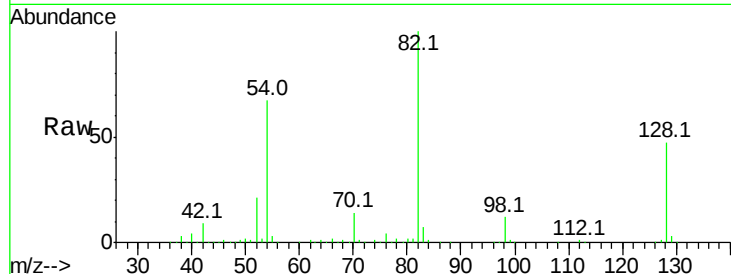




#23
 Nitrobenzene-d5
 Concen: 67.687 ng
 RT: 7.15 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF096871.D
 Acq: 19 Jul 2017 15:47

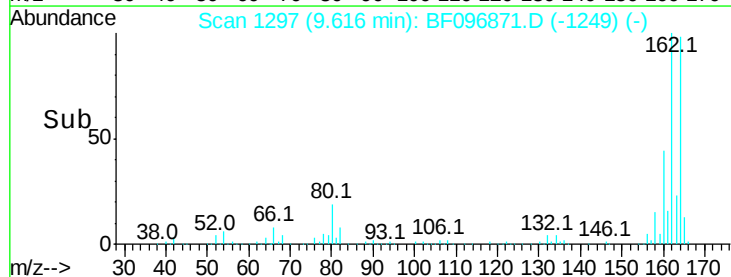
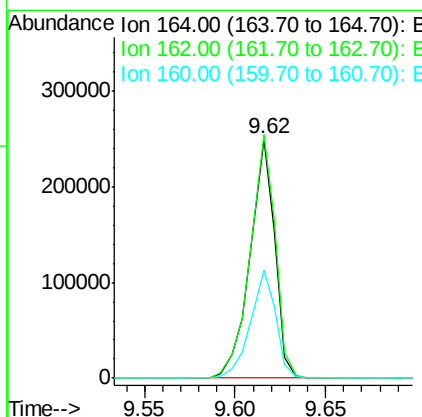
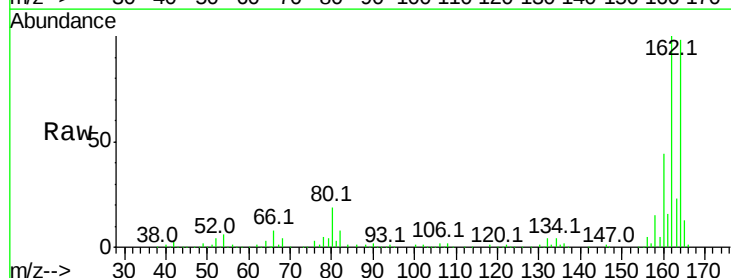
Instrument :
 BNA_F
 ClientSampleId :
 PB100755BL

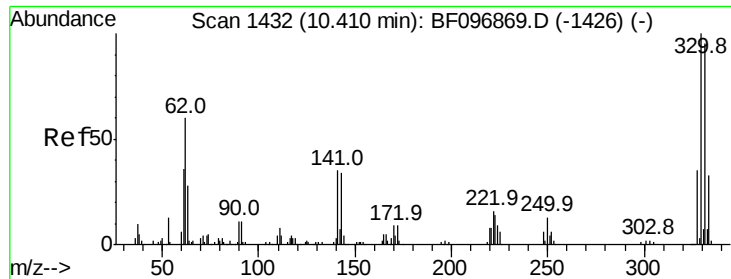
Tot Ion: 82 Resp: 636896
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 66.9 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096871.D
 Acq: 19 Jul 2017 15:47

Tgt Ion:164 Resp: 236616
 Ion Ratio Lower Upper
 164 100
 162 101.9 82.6 123.8
 160 45.0 36.2 54.2

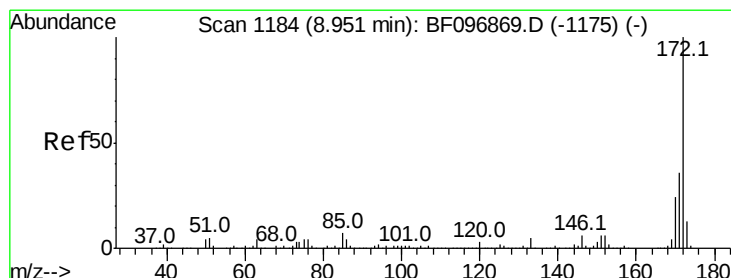
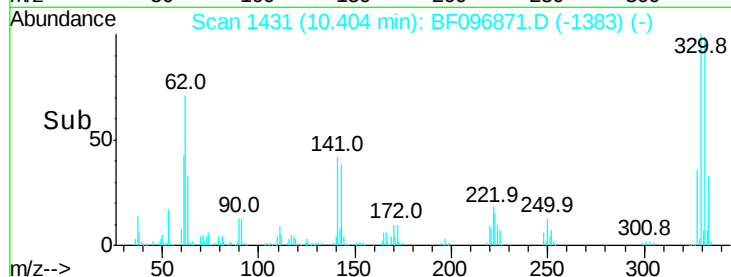
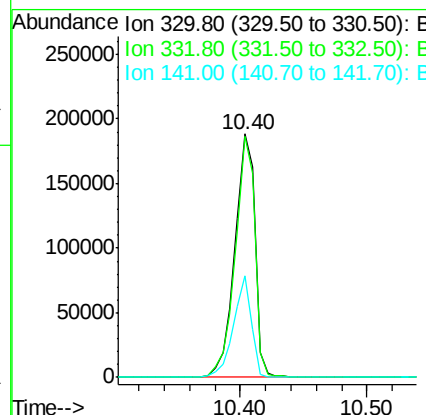
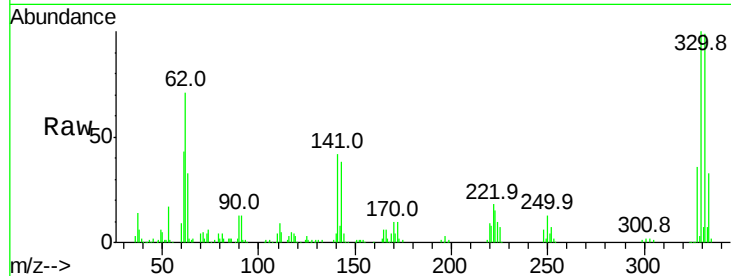




#41
 2,4,6-Tribromophenol
 Concen: 101.864 ng
 RT: 10.40 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096871.D
 Acq: 19 Jul 2017 15:47

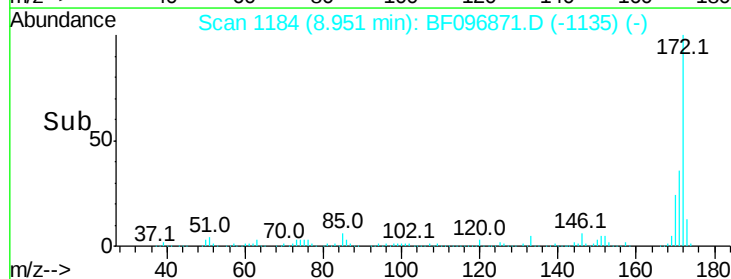
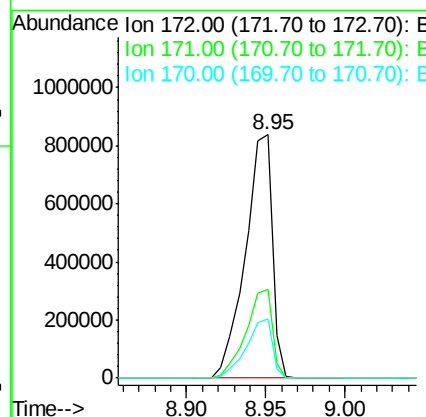
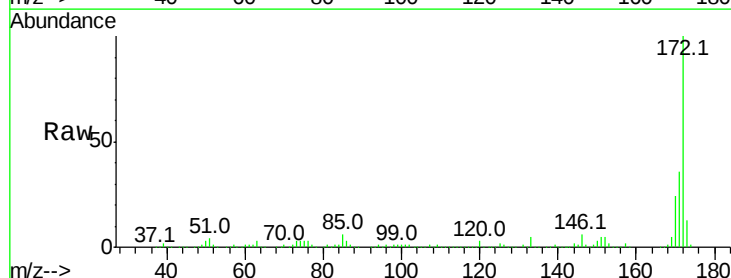
Instrument :
 BNA_F
 ClientSampleId :
 PB100755BL

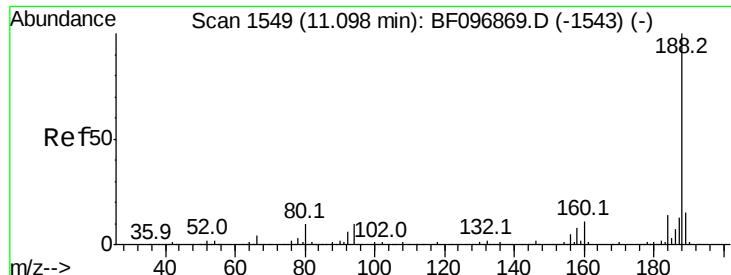
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	36.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 65.822 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096871.D
 Acq: 19 Jul 2017 15:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.4	19.8	29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.09 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

Instrument :

BNA_F

ClientSampleId :

PB100755BL

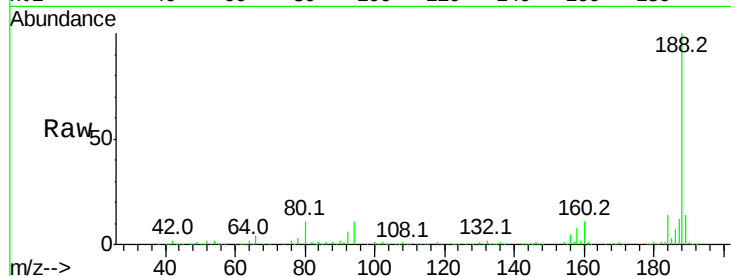
Tot Ion:188 Resp: 425907

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

80 10.9 10.2 15.2

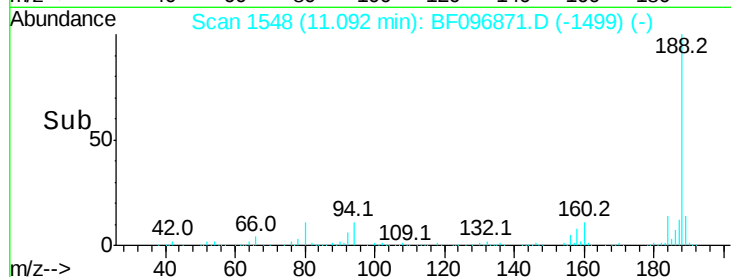


Abundance Ion 188.00 (187.70 to 188.70): E

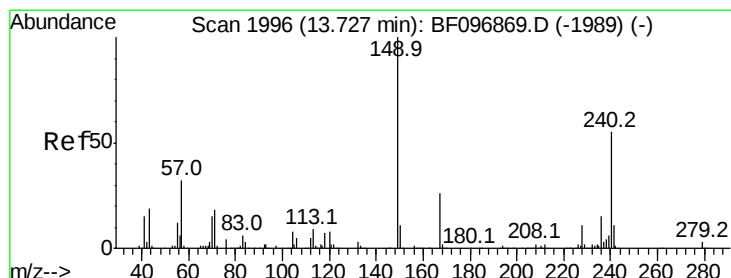
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.72 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

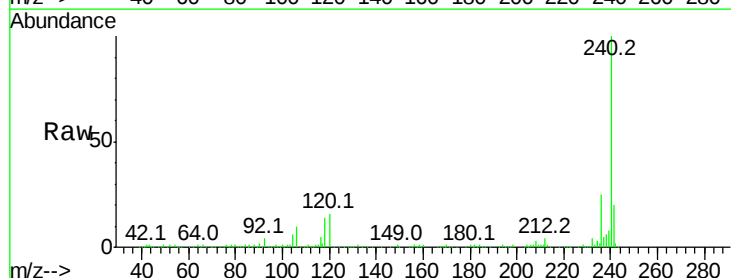
Tgt Ion:240 Resp: 373245

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

236 25.2 20.5 30.7

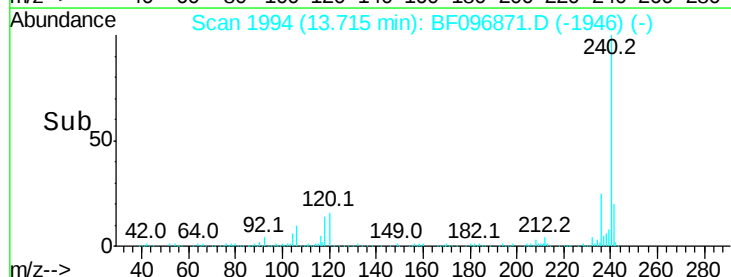


Abundance Ion 240.00 (239.70 to 240.70): E

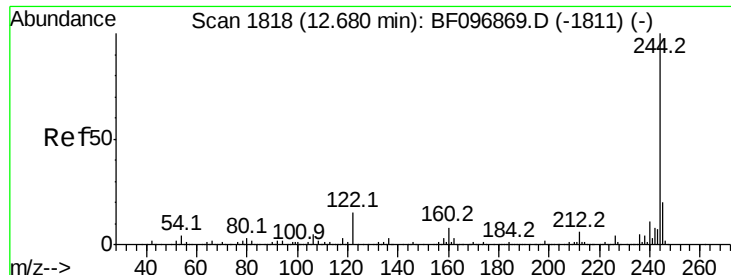
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#78

Terphenyl-d14

Concen: 40.428 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

Instrument :

BNA_F

ClientSampleId :

PB100755BL

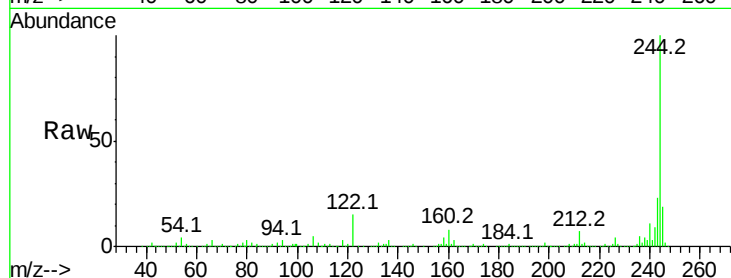
Tot Ion:244 Resp: 870077

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

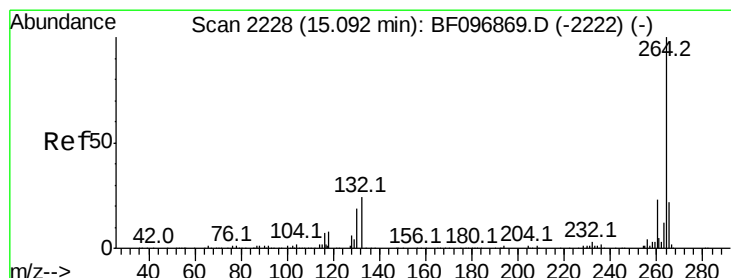
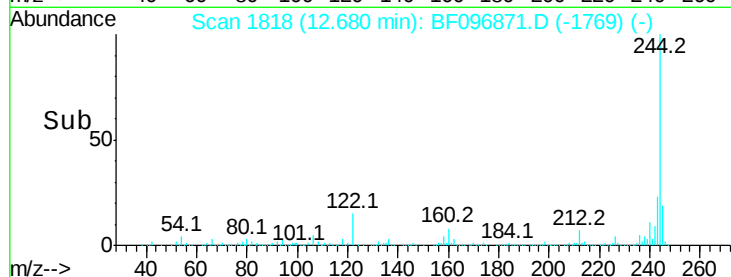
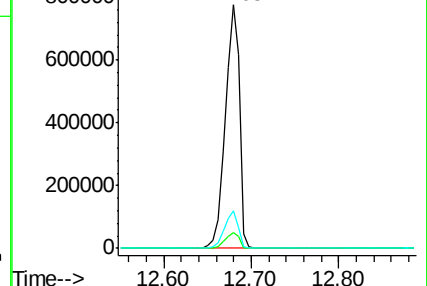
122 15.4 10.3 15.5



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: 20.000 ng

RT: 15.09 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BF096871.D

Acq: 19 Jul 2017 15:47

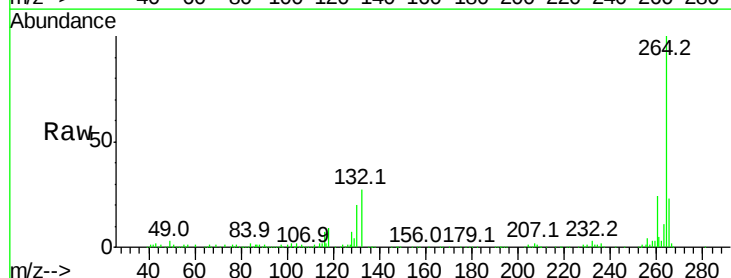
Tgt Ion:264 Resp: 258348

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.6 17.2 25.8



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

