

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
 Data File : BF089181.D
 Acq On : 21 Jul 2016 15:42
 Operator : UM/SJ
 Sample : H4121-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-DRUMS-COMP

Quant Time: Jul 22 01:38:32 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

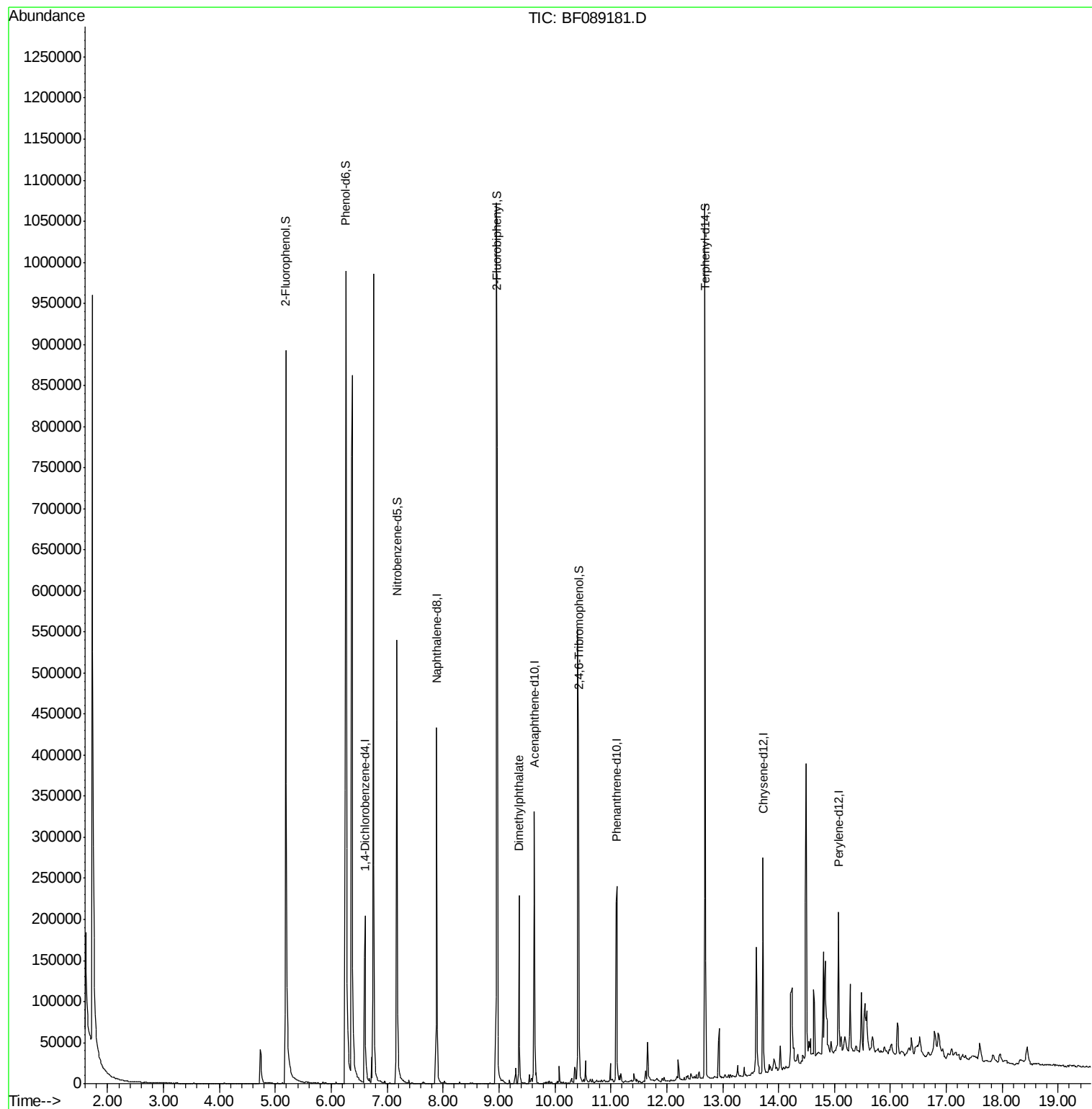
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	51721	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	217587	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	84987	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	139324	20.00	ng	0.00
75) Chrysene-d12	13.73	240	104755	20.00	ng	0.00
86) Perylene-d12	15.07	264	86275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	346384	101.86	ng	0.00
7) Phenol-d6	6.26	99	480031	109.46	ng	-0.01
23) Nitrobenzene-d5	7.18	82	299322	73.09	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	69205	90.44	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	493238	79.96	ng	-0.01
78) Terphenyl-d14	12.69	244	311802	64.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.36	163	92829	14.23	ng	Qvalue 98

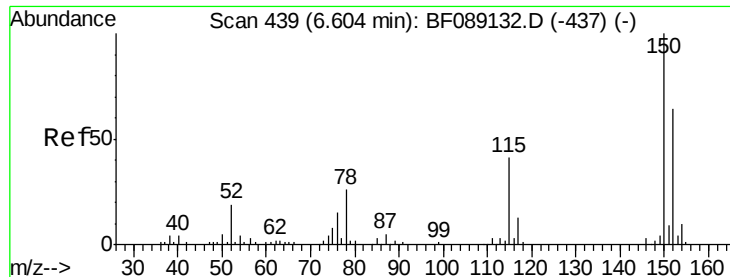
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

Instrument :

BNA_F

ClientSampleId :

TEC-DRUMS-COMP

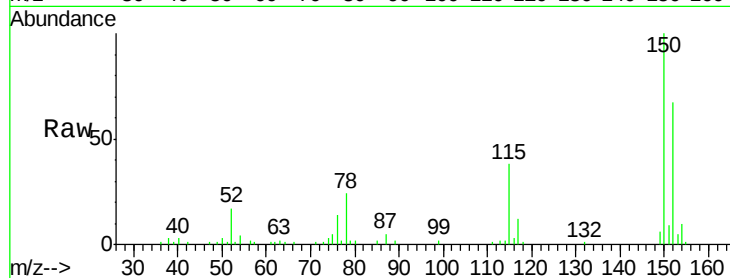
Tot Ion:152 Resp: 51721

Ion Ratio Lower Upper

152 100

150 150.2 125.1 187.7

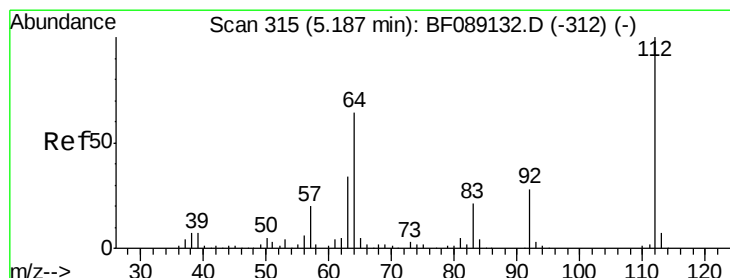
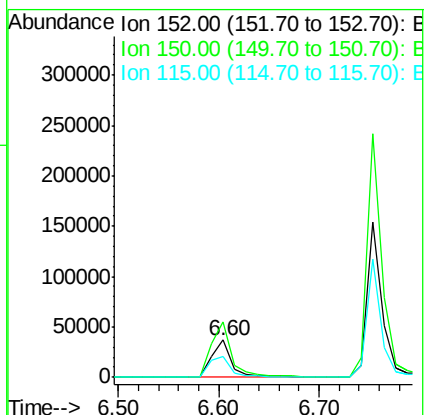
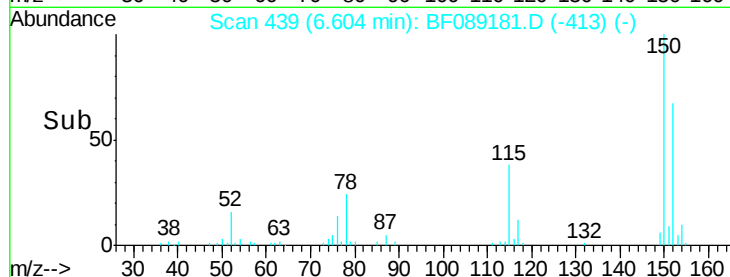
115 57.7 51.1 76.7



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: 101.86 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

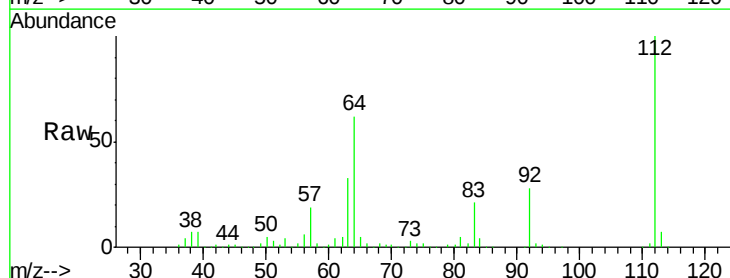
Tgt Ion:112 Resp: 346384

Ion Ratio Lower Upper

112 100

64 62.0 51.0 76.4

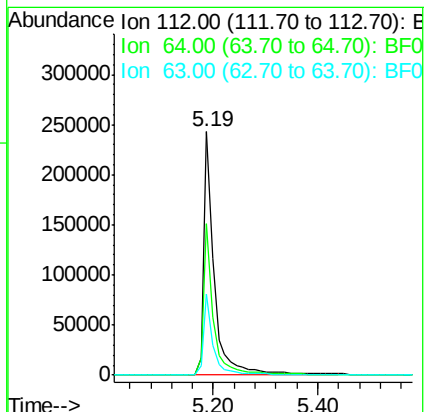
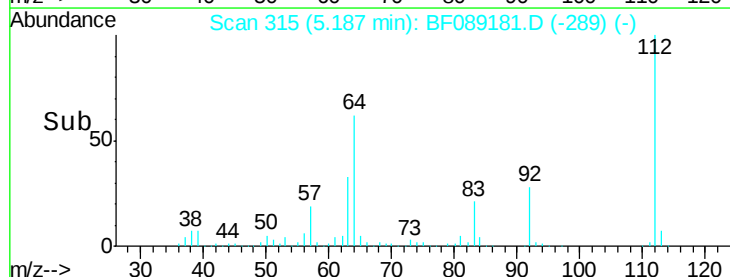
63 33.4 27.3 40.9

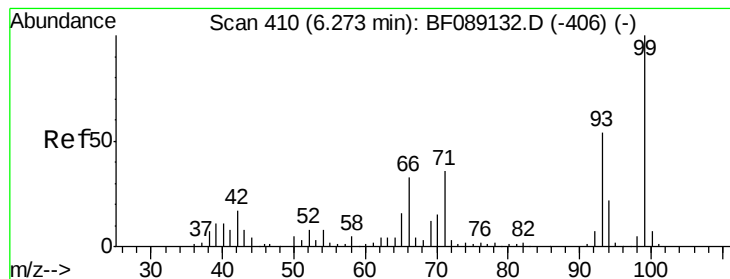


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.46 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

Instrument :

BNA_F

ClientSampleId :

TEC-DRUMS-COMP

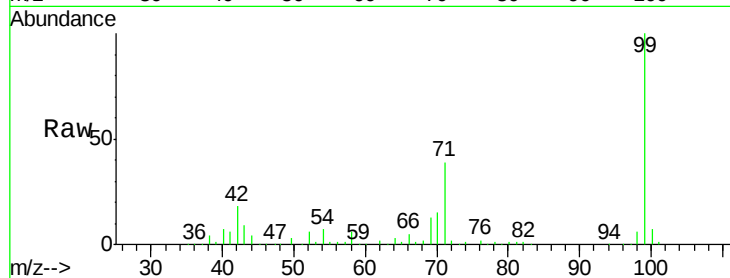
Tot Ion: 99 Resp: 480031

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

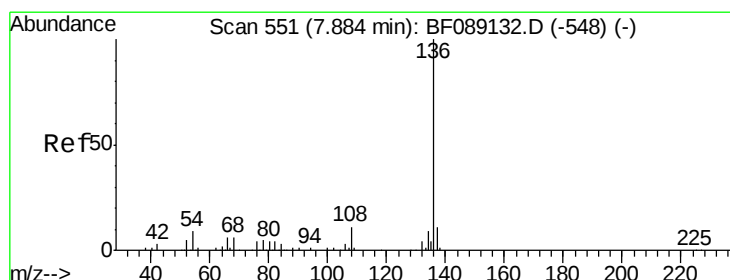
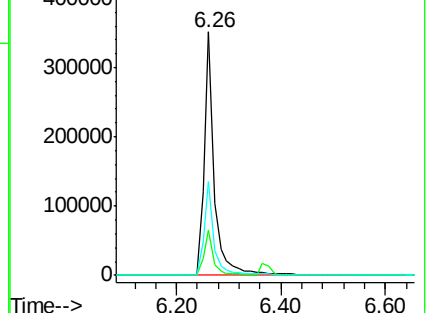
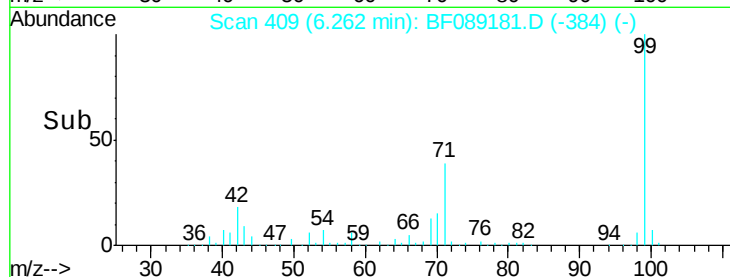
71 38.5 28.9 43.3



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: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

Tgt Ion: 136 Resp: 217587

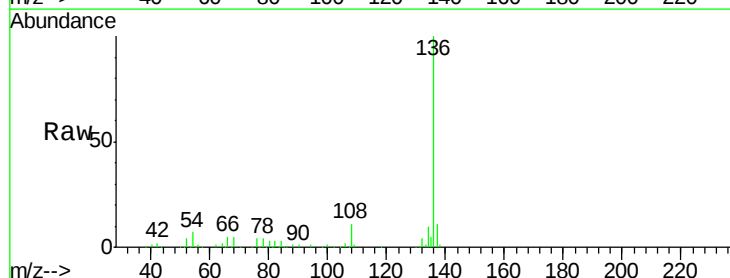
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 6.9 7.0 10.4#

68 5.2 5.0 7.6

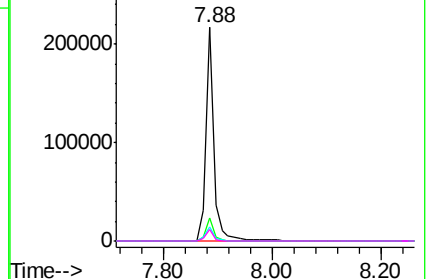
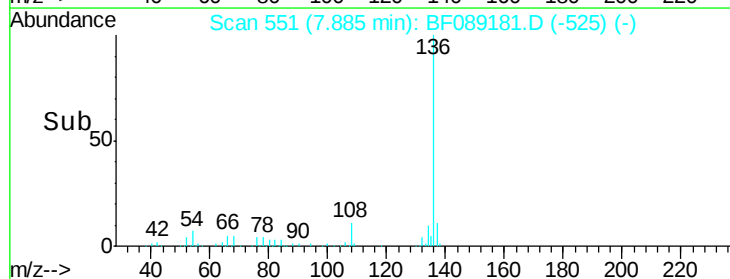


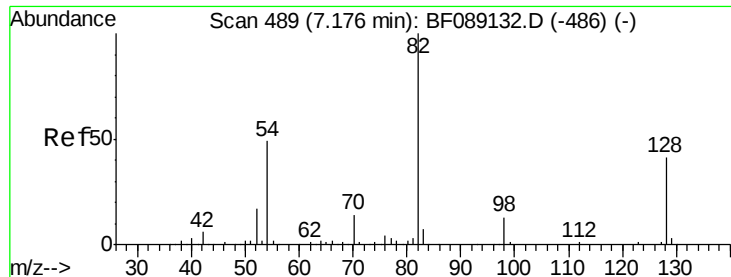
Abundance Ion 136.00 (135.70 to 136.70): E

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

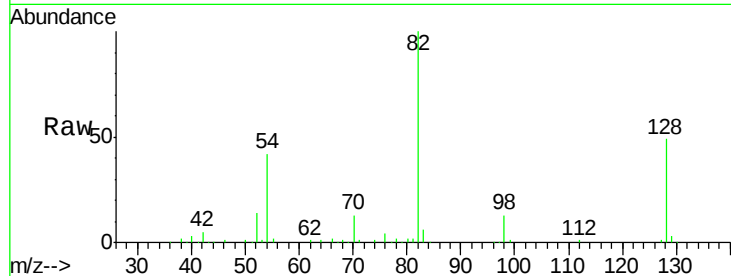




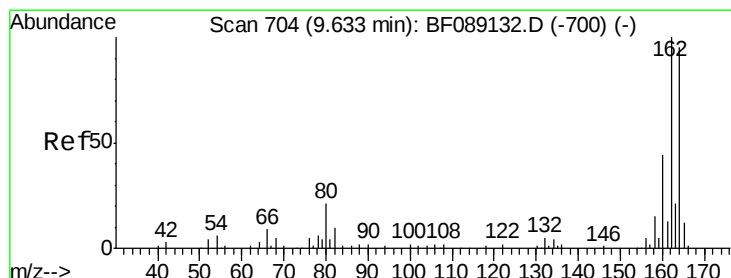
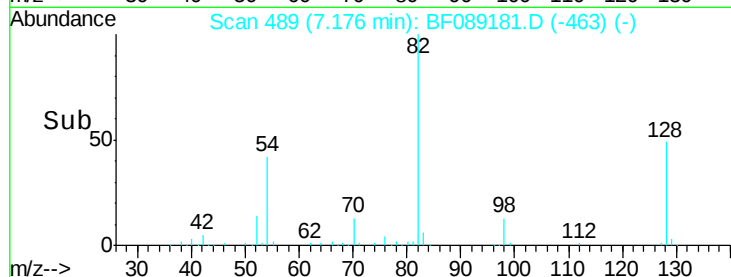
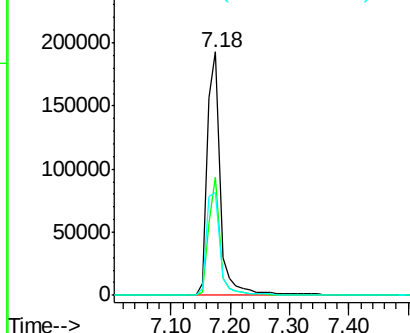
#23
Nitrobenzene-d5
Concen: 73.09 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF089181.D
Acq: 21 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
TEC-DRUMS-COMP

Tot Ion: 82 Resp: 299322
Ion Ratio Lower Upper
82 100
128 48.8 33.0 49.6
54 42.2 39.0 58.4

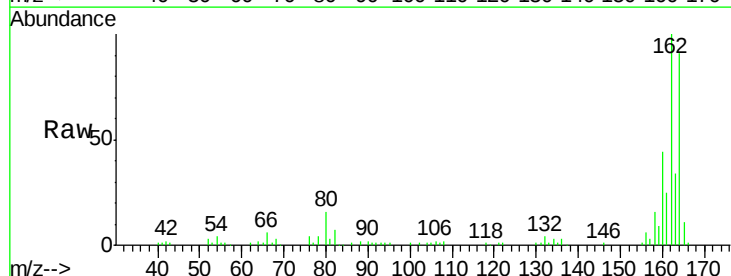


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

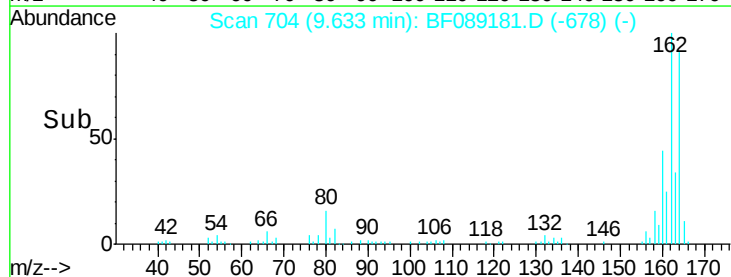
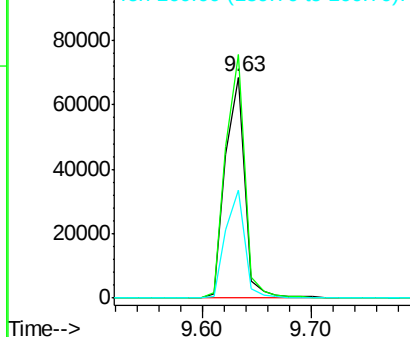


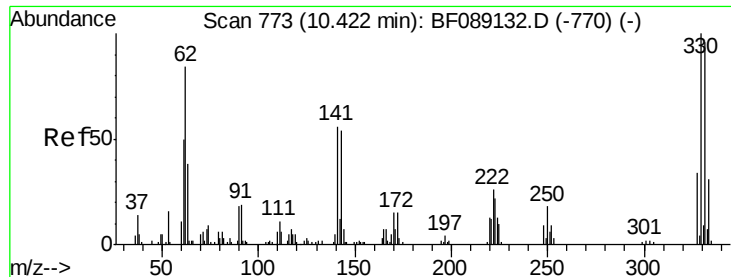
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089181.D
Acq: 21 Jul 2016 15:42

Tgt Ion:164 Resp: 84987
Ion Ratio Lower Upper
164 100
162 110.2 84.1 126.1
160 48.8 37.1 55.7



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

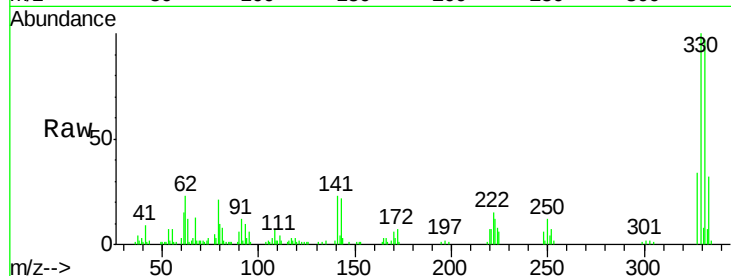




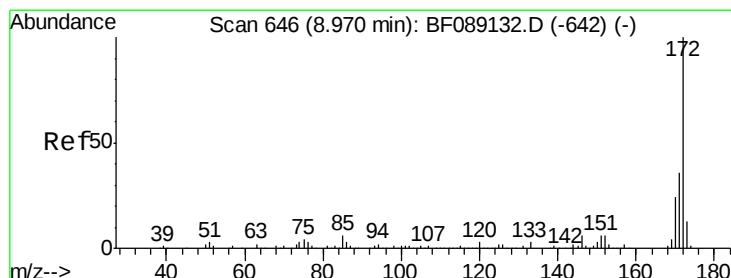
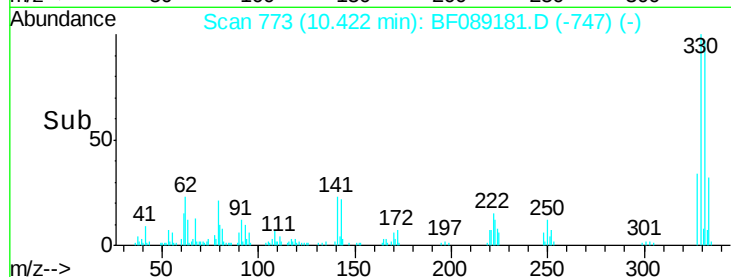
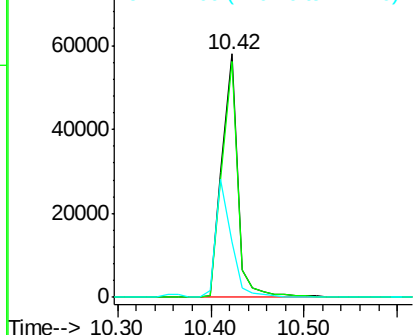
#41
 2,4,6-Tribromophenol
 Concen: 90.44 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089181.D
 Acq: 21 Jul 2016 15:42

Instrument :
 BNA_F
 ClientSampleId :
 TEC-DRUMS-COMP

Tot Ion:330 Resp: 69205
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.2 115.8
 141 46.3 42.2 63.2

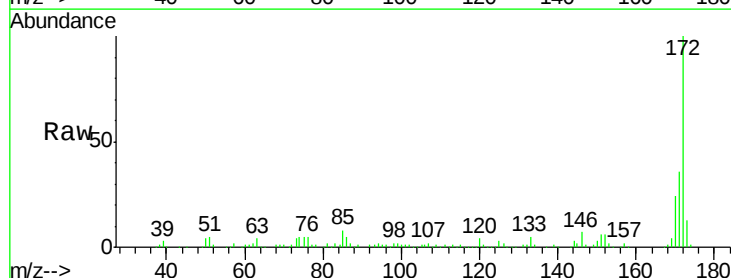


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

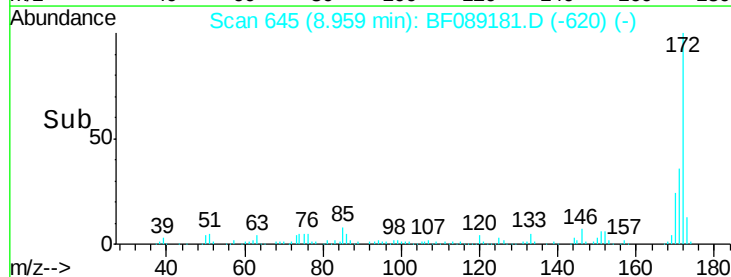
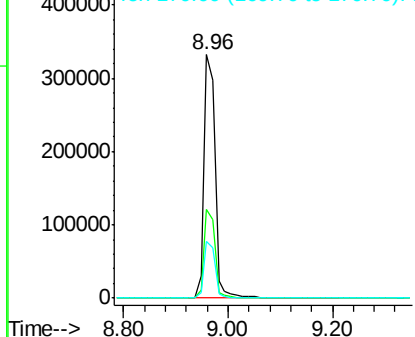


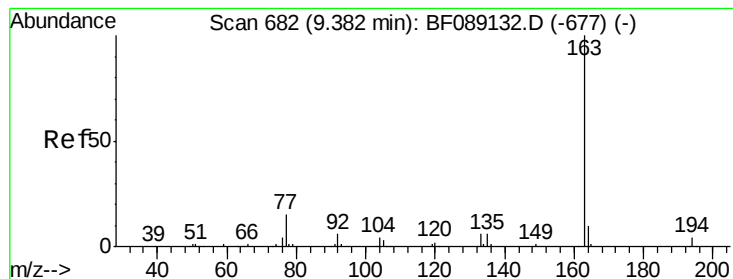
#44
 2-Fluorobiphenyl
 Concen: 79.96 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089181.D
 Acq: 21 Jul 2016 15:42

Tgt Ion:172 Resp: 493238
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.2 43.8
 170 23.5 19.1 28.7



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: 14.23 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

Instrument :

BNA_F

ClientSampleId :

TEC-DRUMS-COMP

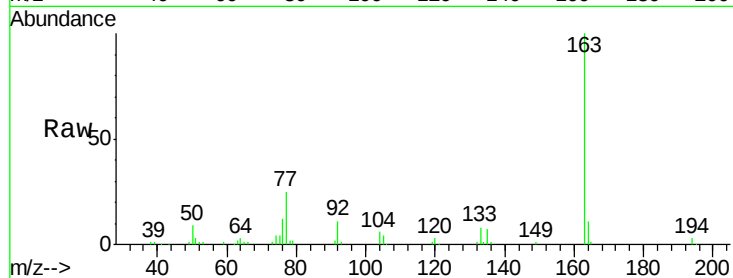
Tot Ion:163 Resp: 92829

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

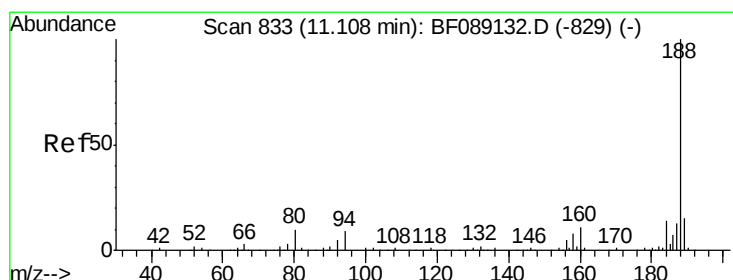
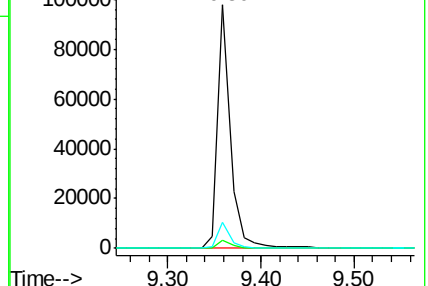
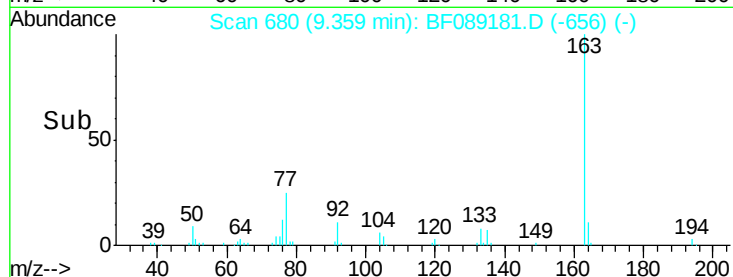
164 10.5 7.6 11.4



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: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

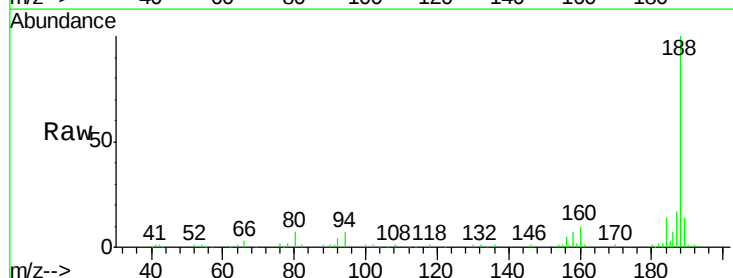
Tgt Ion:188 Resp: 139324

Ion Ratio Lower Upper

188 100

94 6.8 7.0 10.4#

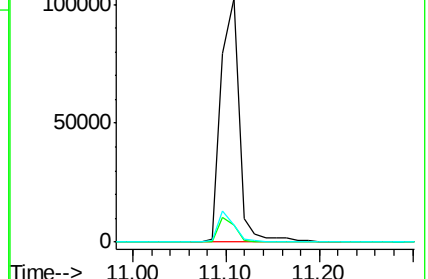
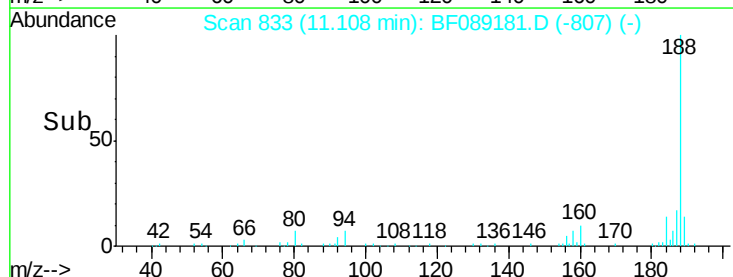
80 7.2 7.7 11.5#

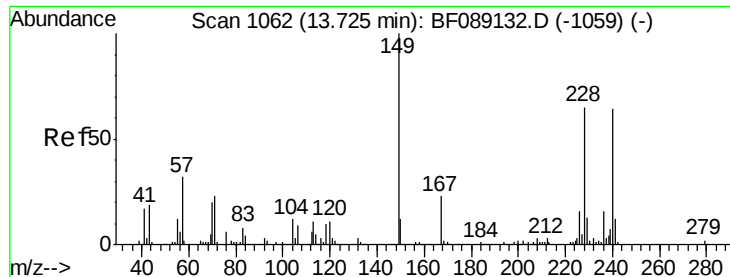


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.73 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

Instrument :

BNA_F

ClientSampleId :

TEC-DRUMS-COMP

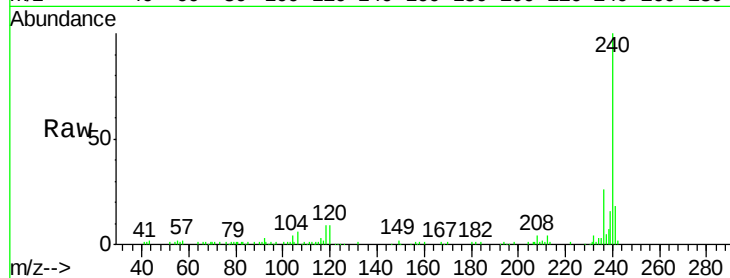
Tot Ion:240 Resp: 104755

Ion Ratio Lower Upper

240 100

120 9.0 13.6 20.4#

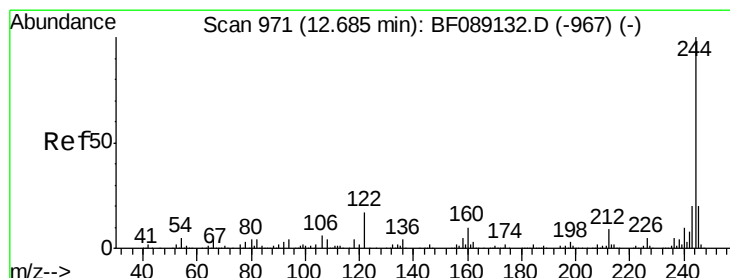
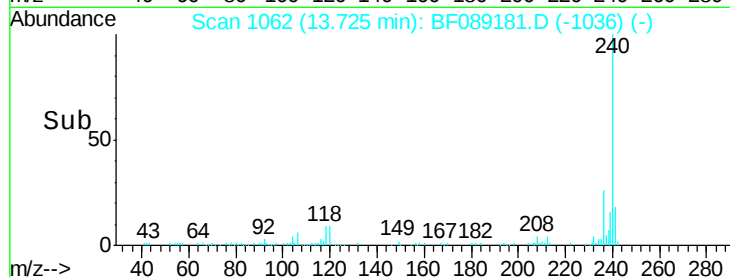
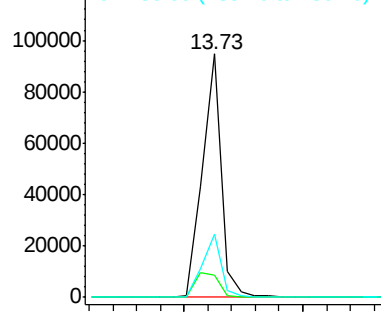
236 26.1 20.5 30.7



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



#78

Terphenyl-d14

Concen: 64.56 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF089181.D

Acq: 21 Jul 2016 15:42

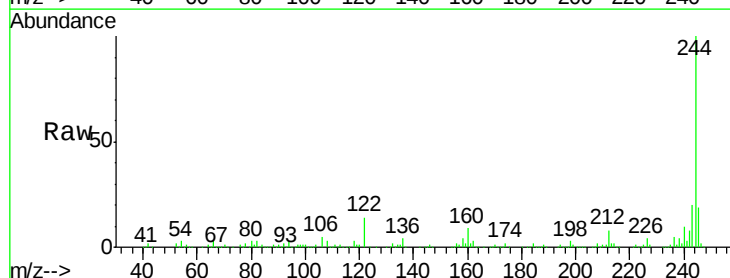
Tgt Ion:244 Resp: 311802

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.4

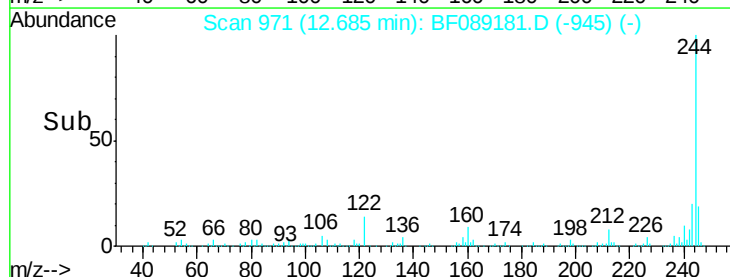
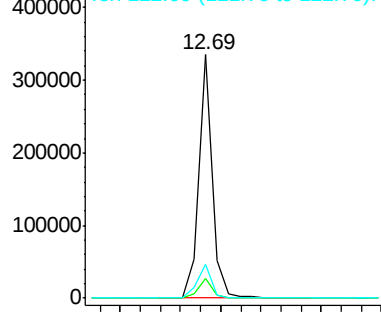
122 13.6 13.8 20.8#

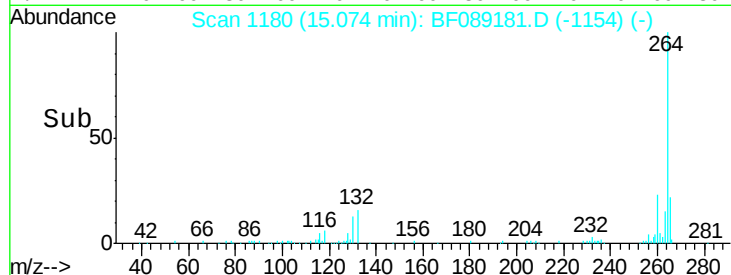
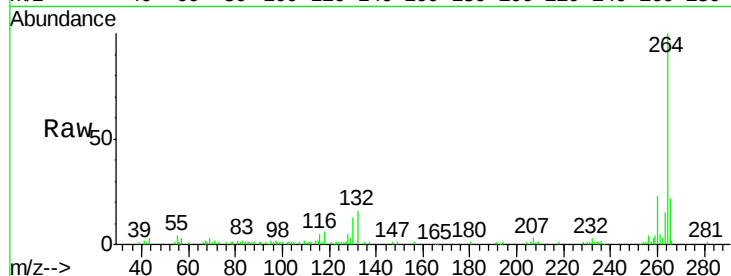
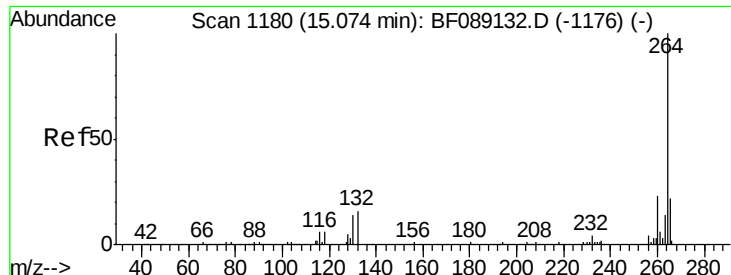


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF089181.D
Acq: 21 Jul 2016 15:42

Instrument :
BNA_F
ClientSampleId :
TEC-DRUMS-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.5	27.7
265	22.0	17.3	25.9

