

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
 Data File : BF090167.D
 Acq On : 21 Sep 2016 18:52
 Operator : UM/SJ
 Sample : H4860-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22

Quant Time: Sep 22 03:31:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	136636	20.00	ng	-0.02
21) Naphthalene-d8	7.79	136	545377	20.00	ng	-0.02
38) Acenaphthene-d10	9.53	164	288425	20.00	ng	-0.02
63) Phenanthrene-d10	11.00	188	461567	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	327887	20.00	ng	-0.02
86) Perylene-d12	14.94	264	258780	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	568892	67.87	ng	-0.01
7) Phenol-d6	6.16	99	512817	49.54	ng	-0.01
23) Nitrobenzene-d5	7.07	82	865554	92.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.33	330	367602	148.56	ng	-0.01
44) 2-Fluorobiphenyl	8.88	172	1479155	100.68	ng	-0.01
78) Terphenyl-d14	12.59	244	1208077	93.54	ng	-0.01

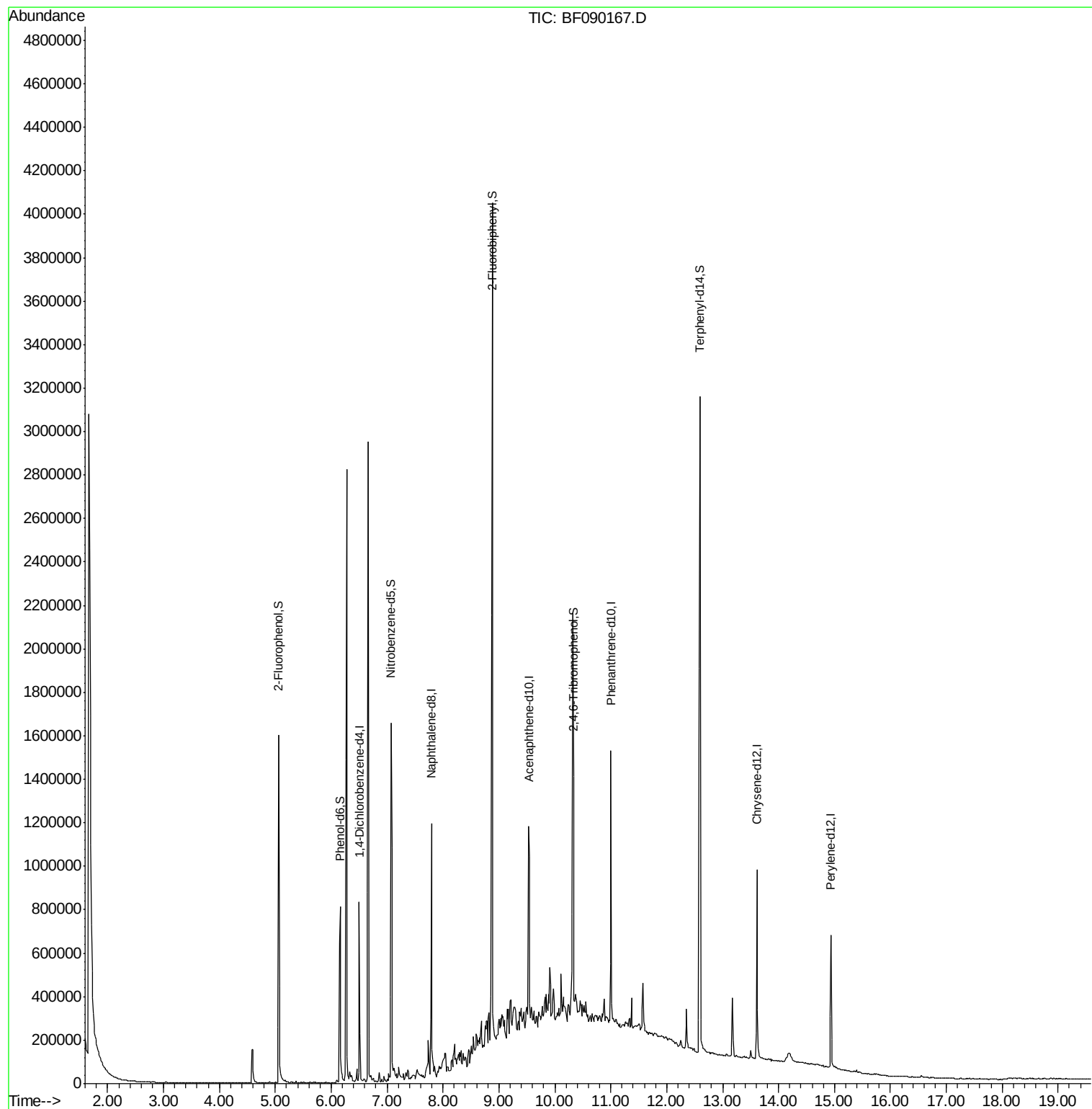
Target Compounds Qvalue

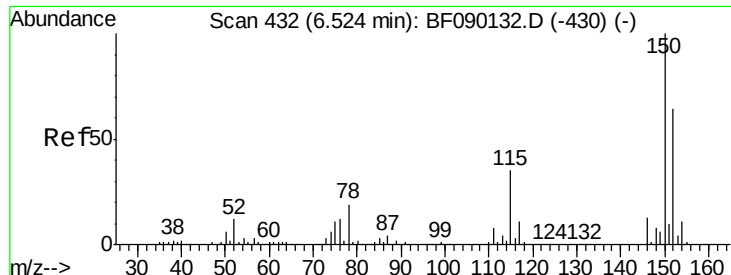
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 20 17:58:29 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF090167.D

Acq: 21 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

LIP-22

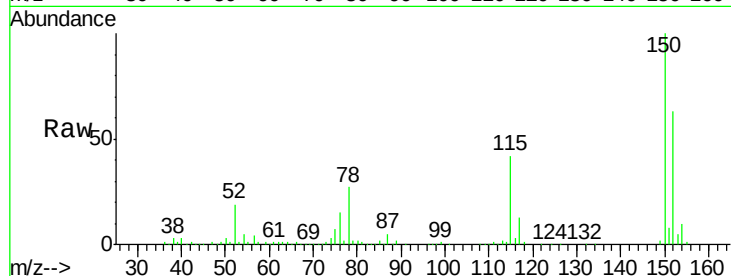
Tot Ion:152 Resp: 136636

Ion Ratio Lower Upper

152 100

150 157.9 128.9 193.3

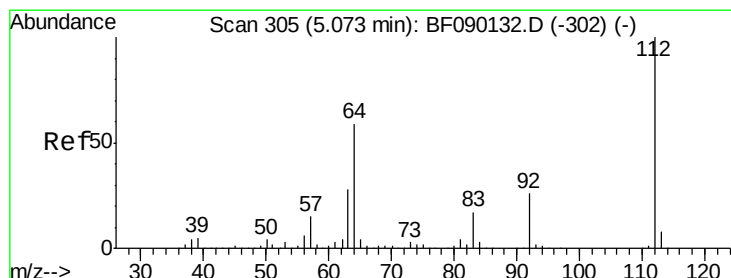
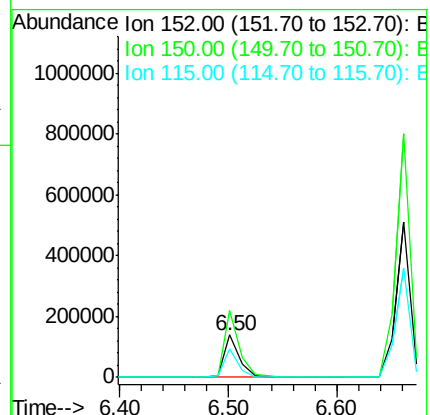
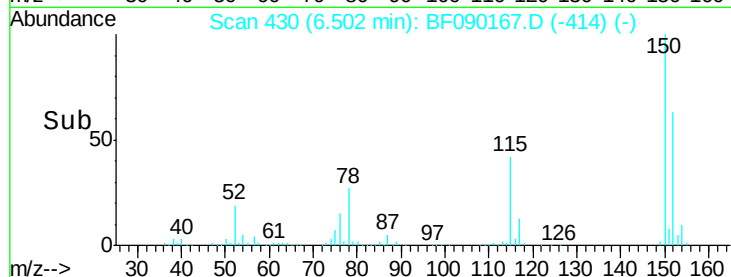
115 66.6 55.5 83.3



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: 67.87 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF090167.D

Acq: 21 Sep 2016 18:52

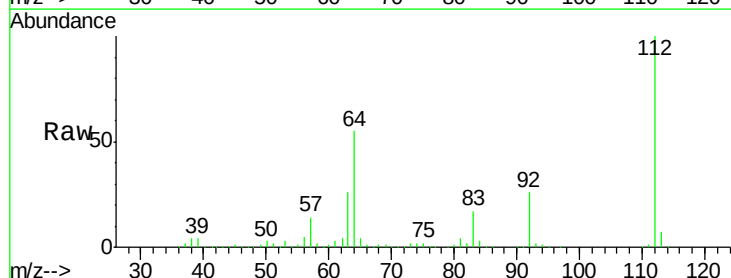
Tgt Ion:112 Resp: 568892

Ion Ratio Lower Upper

112 100

64 54.6 39.8 59.6

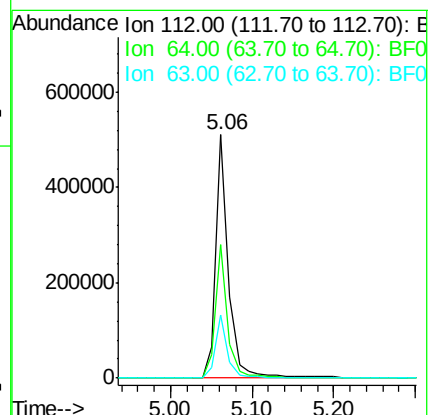
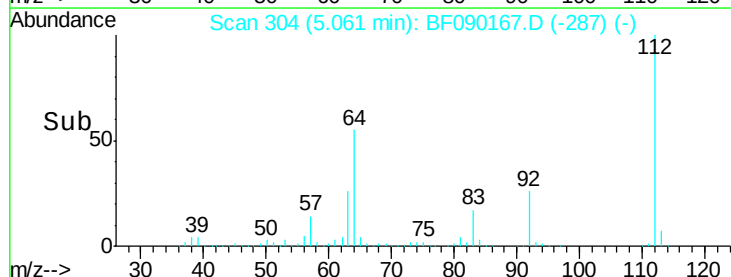
63 26.1 18.9 28.3

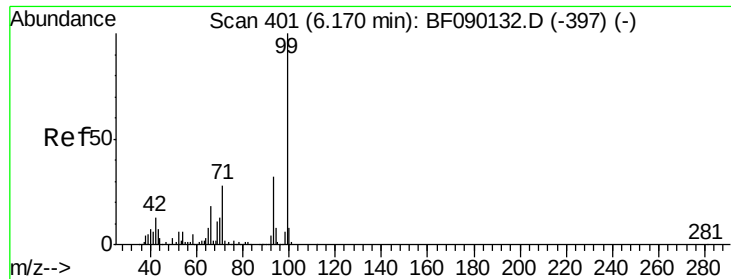


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.54 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090167.D

Acq: 21 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

LIP-22

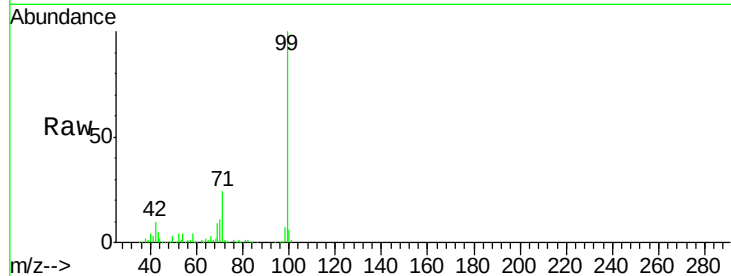
Tot Ion: 99 Resp: 512817

Ion Ratio Lower Upper

99 100

42 9.9 10.6 15.8#

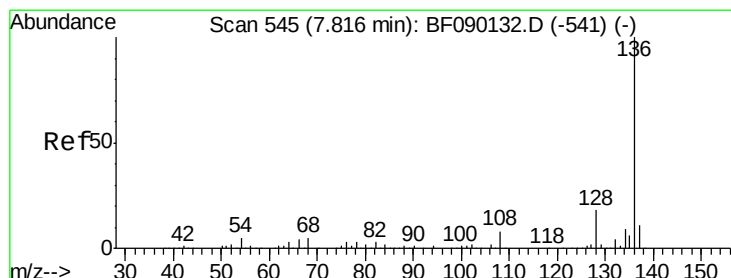
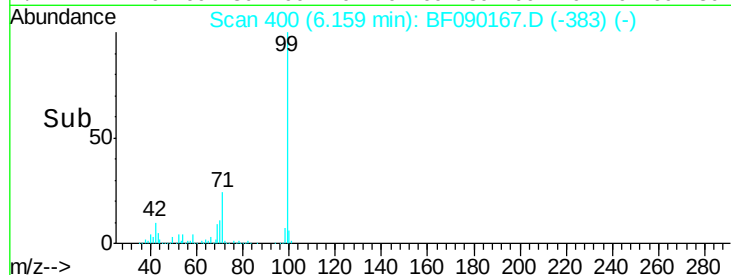
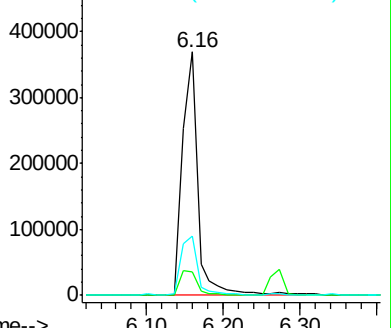
71 24.4 23.0 34.6



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: 7.79 min Scan# 543

Delta R.T. -0.02 min

Lab File: BF090167.D

Acq: 21 Sep 2016 18:52

Tgt Ion: 136 Resp: 545377

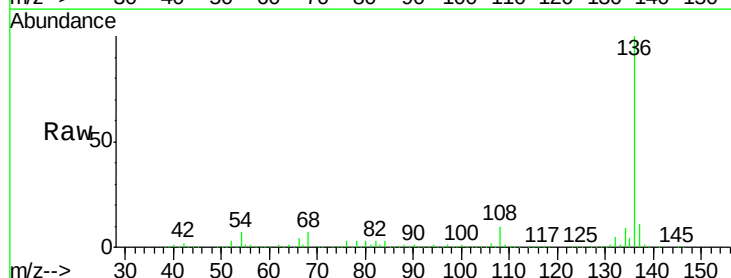
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.7 6.4 9.6

68 6.6 6.3 9.5

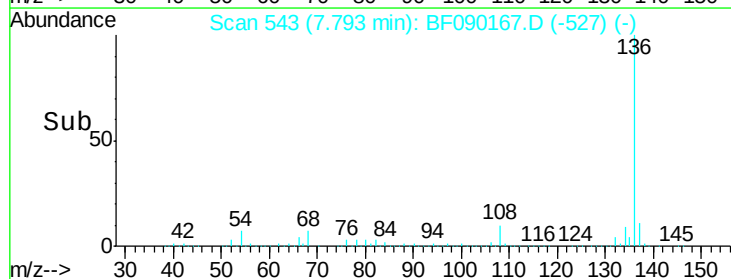
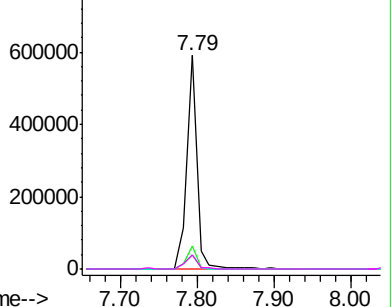


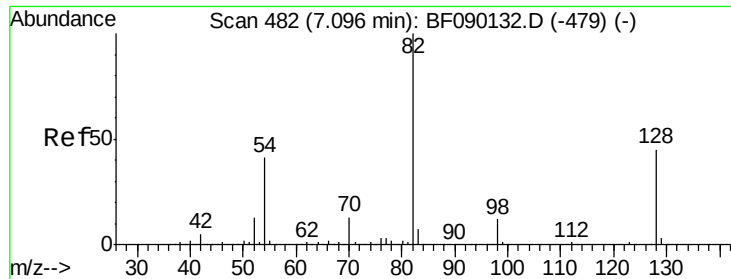
Abundance Ion 136.00 (135.70 to 136.70): E

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

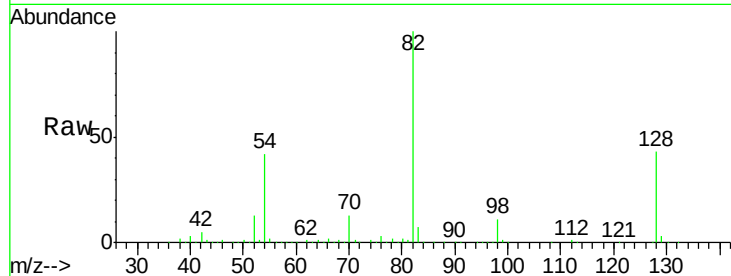




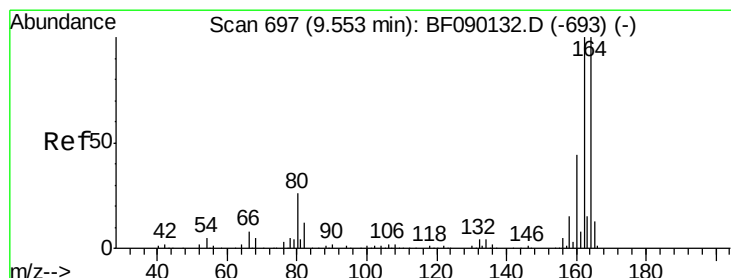
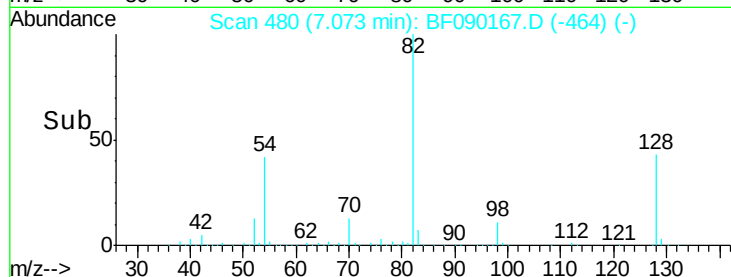
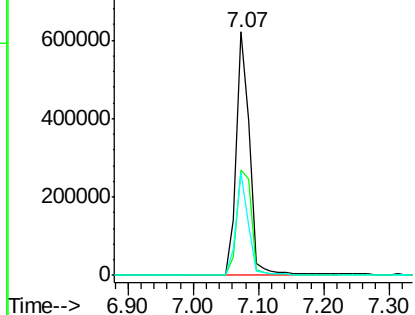
#23
 Nitrobenzene-d5
 Concen: 92.00 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.02 min
 Lab File: BF090167.D
 Acq: 21 Sep 2016 18:52

Instrument :
 BNA_F
 ClientSampled :
 LIP-22

Tot Ion	82	Resp	865554
Ion Ratio	100	Lower	Upper
128	43.1	37.5	56.3
54	42.2	31.9	47.9

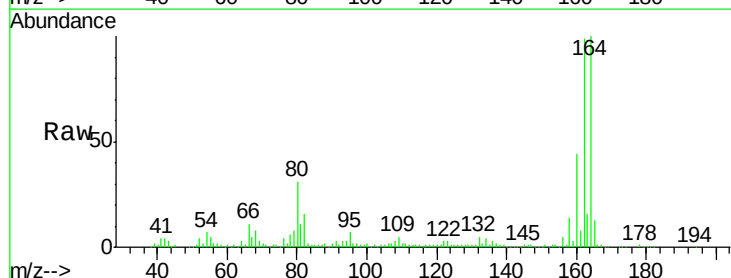


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

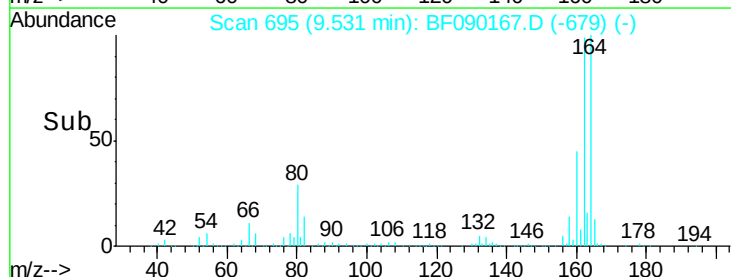
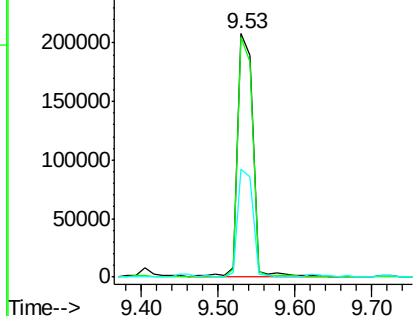


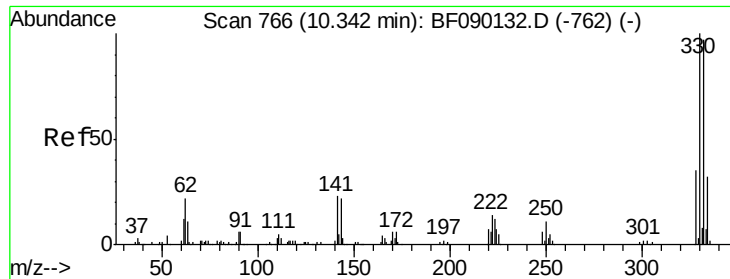
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.02 min
 Lab File: BF090167.D
 Acq: 21 Sep 2016 18:52

Tgt Ion	164	Resp	288425
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	98.7	81.4	122.2
160	44.4	36.6	54.8



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

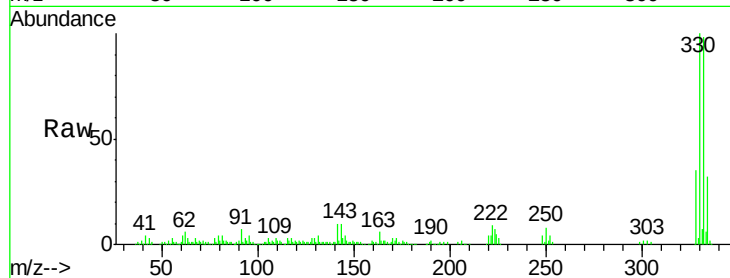




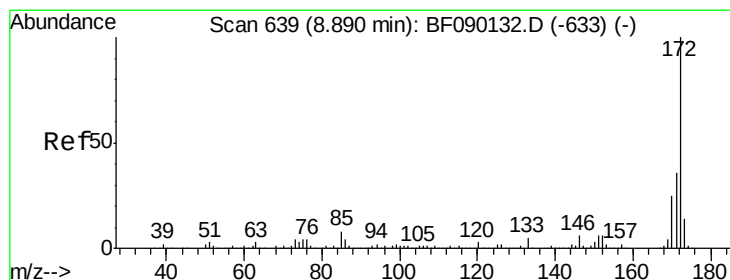
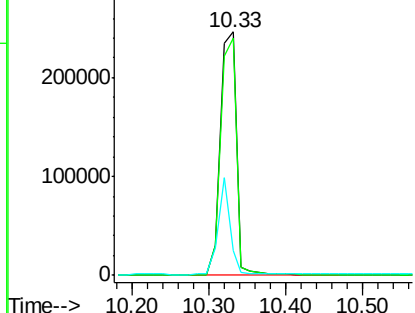
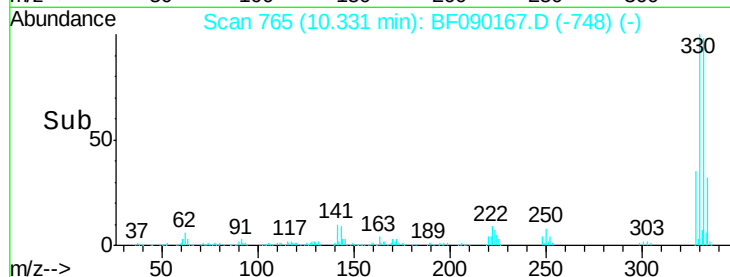
#41
 2,4,6-Tribromophenol
 Concen: 148.56 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF090167.D
 Acq: 21 Sep 2016 18:52

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.1	117.1
141	30.0	23.9	35.9

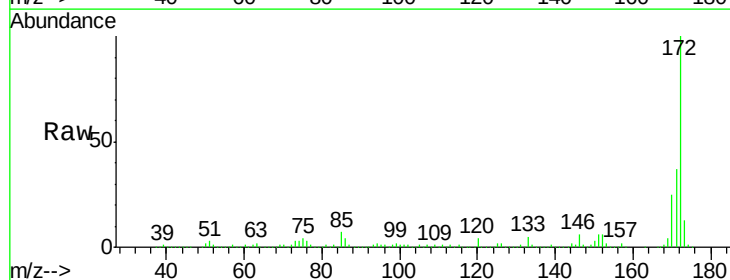


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

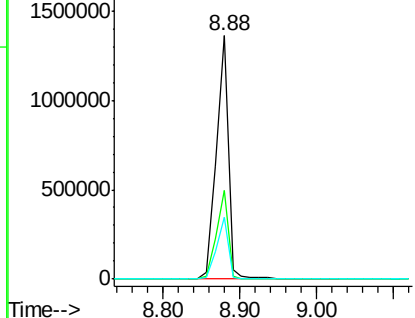
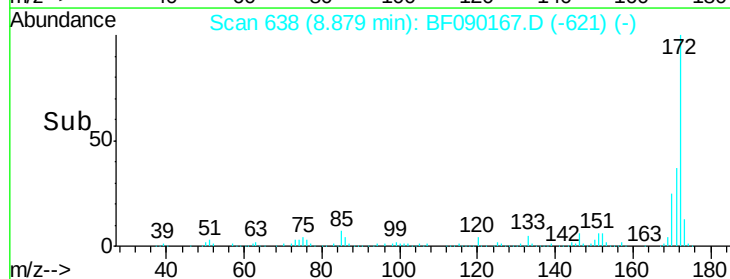


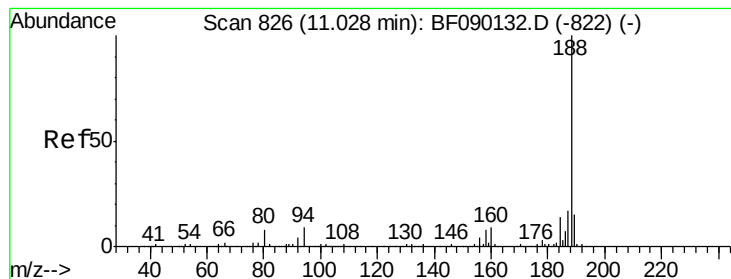
#44
 2-Fluorobiphenyl
 Concen: 100.68 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: BF090167.D
 Acq: 21 Sep 2016 18:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	25.3	19.8	29.8



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: 11.00 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF090167.D

Acq: 21 Sep 2016 18:52

Instrument :

BNA_F

ClientSampleId :

LIP-22

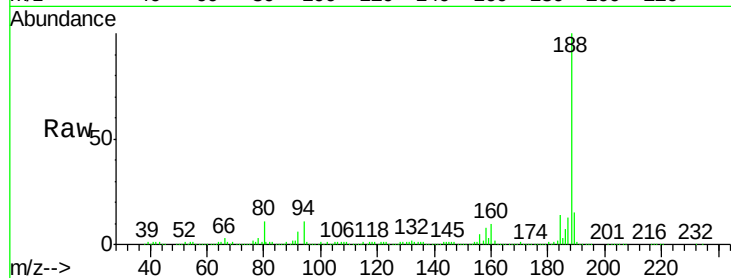
Tot Ion:188 Resp: 461567

Ion Ratio Lower Upper

188 100

94 11.5 10.5 15.7

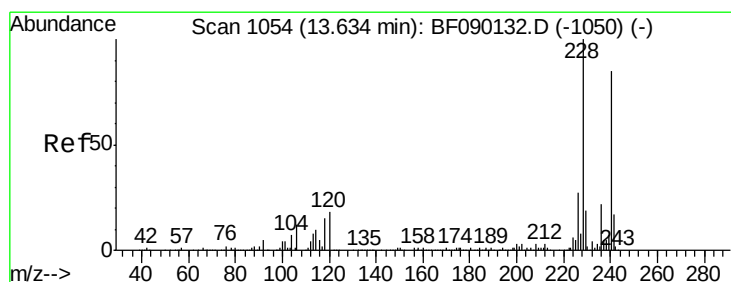
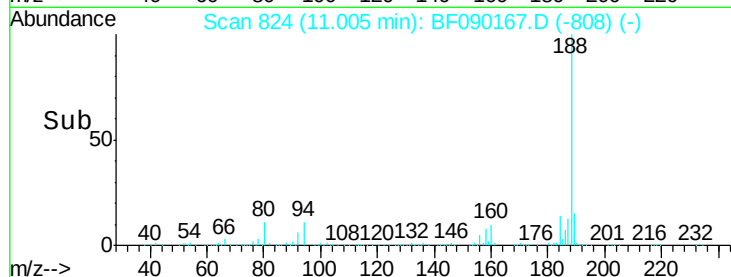
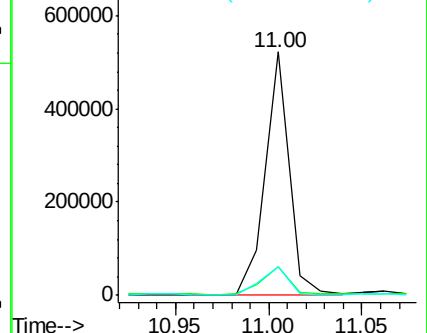
80 11.5 11.2 16.8



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: 13.61 min Scan# 1052

Delta R.T. -0.02 min

Lab File: BF090167.D

Acq: 21 Sep 2016 18:52

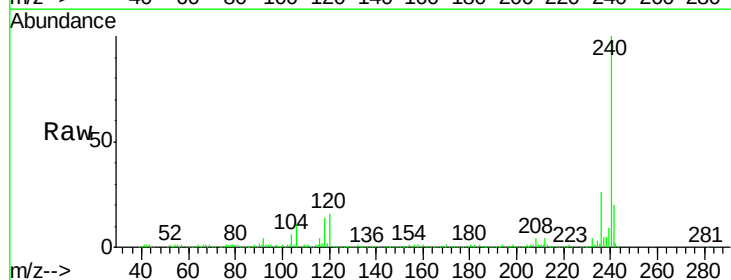
Tgt Ion:240 Resp: 327887

Ion Ratio Lower Upper

240 100

120 15.6 10.6 16.0

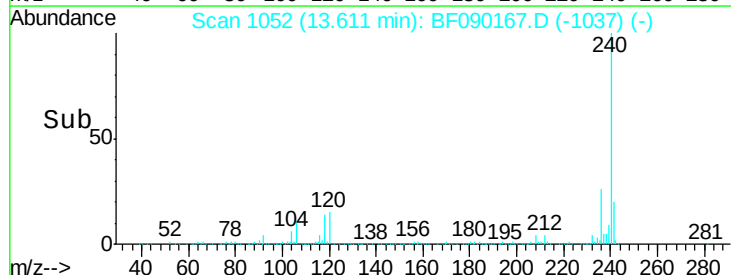
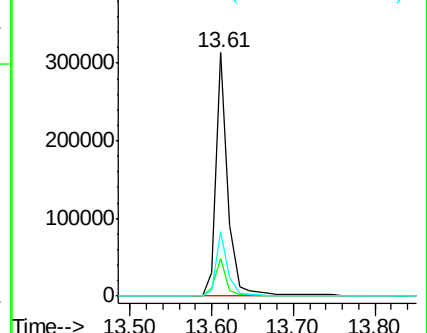
236 26.2 21.6 32.4

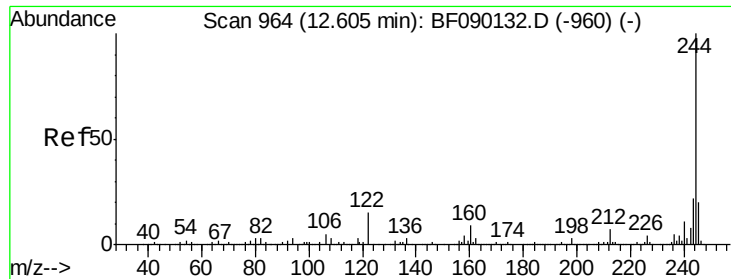


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

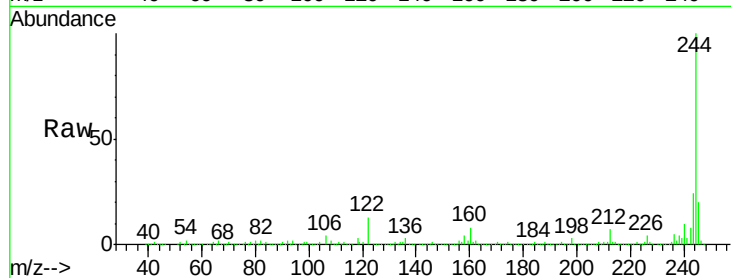




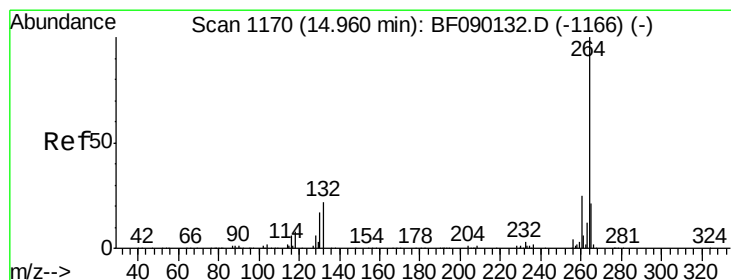
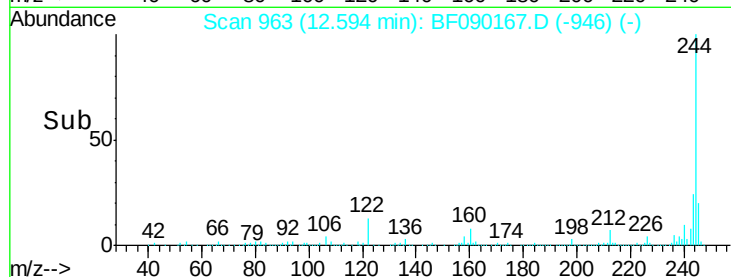
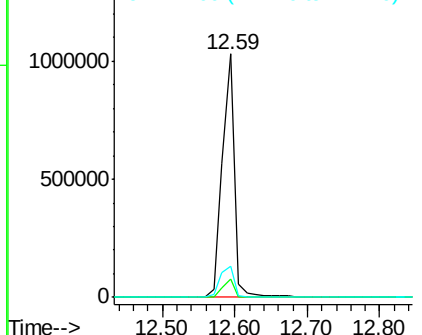
#78
 Terphenyl-d14
 Concen: 93.54 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF090167.D
 Acq: 21 Sep 2016 18:52

Instrument :
 BNA_F
 ClientSampled :
 LIP-22

Tot Ion:244 Resp: 1208077
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 12.7 9.4 14.0

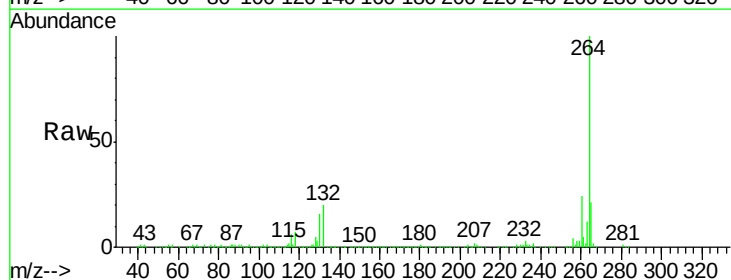


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 1168
 Delta R.T. -0.02 min
 Lab File: BF090167.D
 Acq: 21 Sep 2016 18:52

Tgt Ion:264 Resp: 258780
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.4 17.0 25.4



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

