

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092816\
 Data File : BF090278.D
 Acq On : 28 Sep 2016 14:13
 Operator : UM/SJ
 Sample : PB93644BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93644BL

Quant Time: Sep 28 17:40:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	111796m	20.00	ng	0.00
21) Naphthalene-d8	7.76	136	439724m	20.00	ng	-0.01
38) Acenaphthene-d10	9.50	164	240979	20.00	ng	-0.01
63) Phenanthrene-d10	10.97	188	402036	20.00	ng	-0.01
75) Chrysene-d12	13.58	240	268949	20.00	ng	-0.02
86) Perylene-d12	14.90	264	243649	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	894927	130.48	ng	0.01
7) Phenol-d6	6.14	99	1174505	138.66	ng	0.00
23) Nitrobenzene-d5	7.05	82	752232	99.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.28	330	251809	121.80	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	1329087	108.28	ng	-0.01
78) Terphenyl-d14	12.56	244	1105879	104.39	ng	0.00

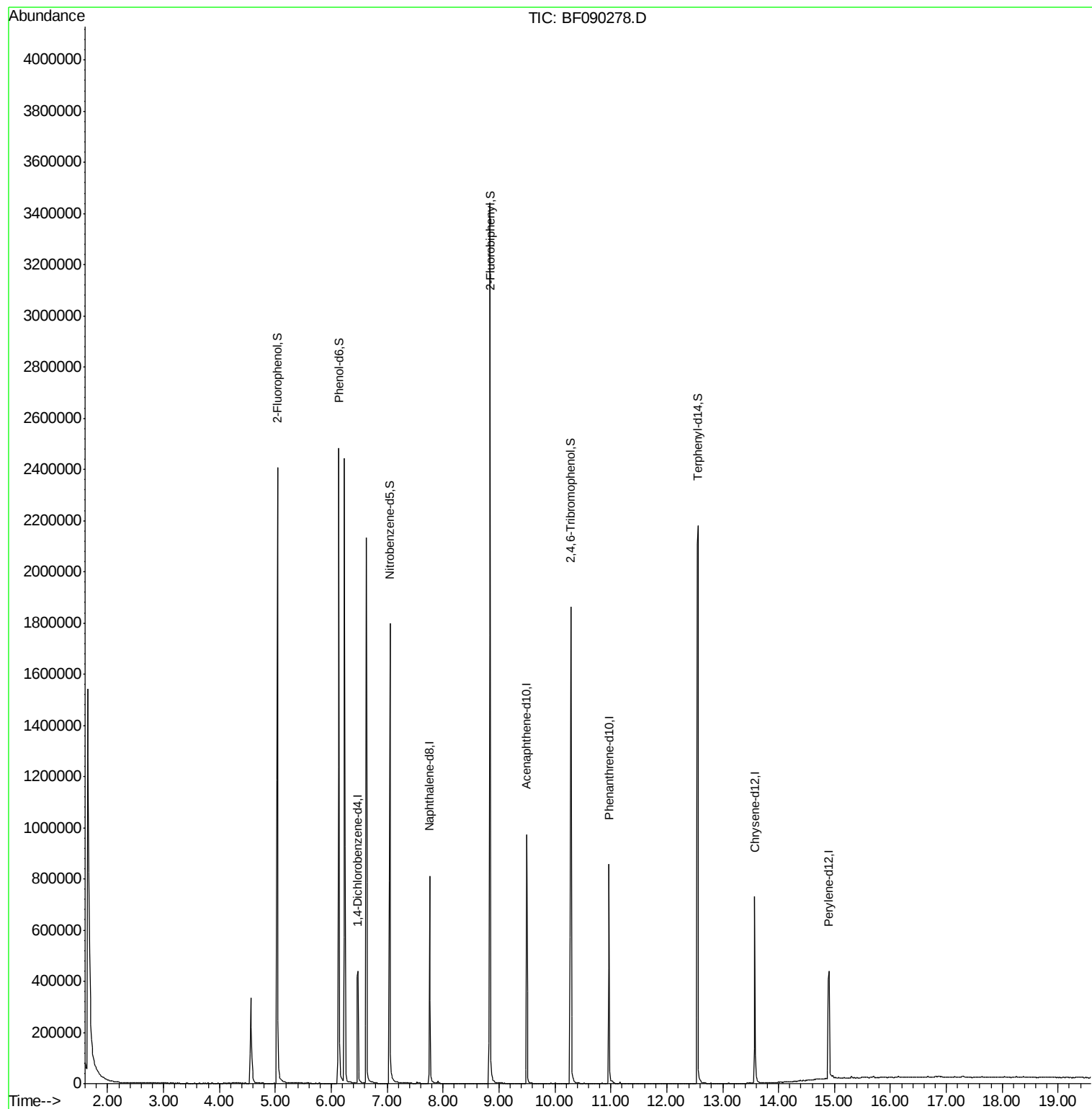
Target Compounds Qvalue

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

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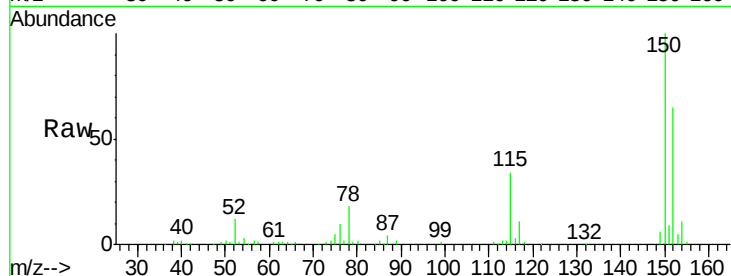


#1

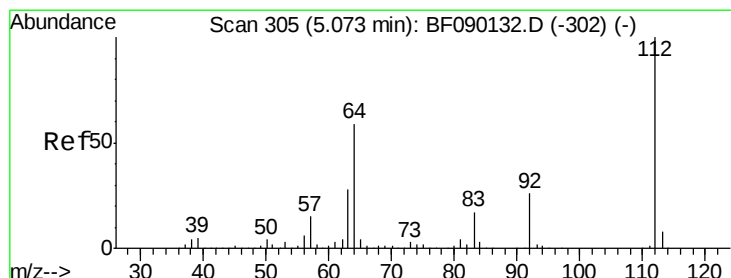
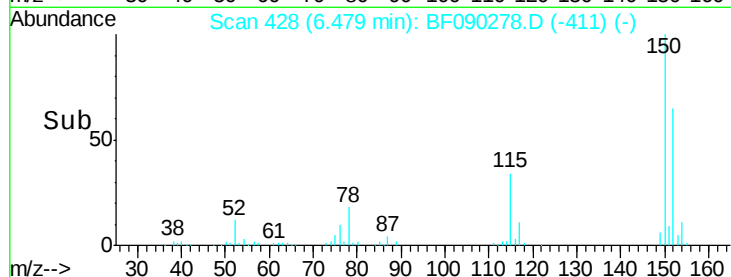
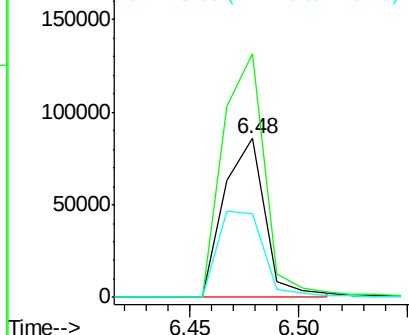
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF090278.D
Acq: 28 Sep 2016 14:13

Instrument :
BNA_F
ClientSampleId :
PB93644BL

Tot Ion:152 Resp: 111796
Ion Ratio Lower Upper
152 100
150 153.5 128.9 193.3
115 52.5 55.5 83.3#



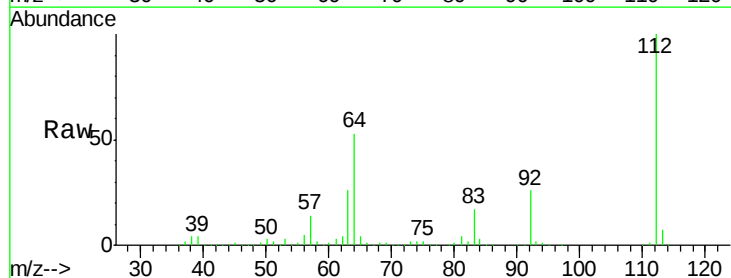
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



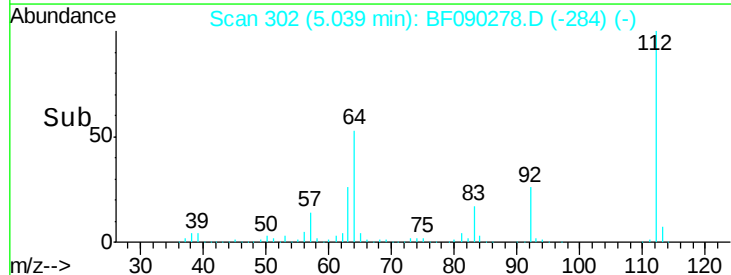
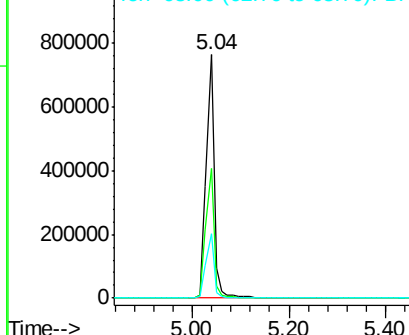
#5

2-Fluorophenol
Concen: 130.48 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF090278.D
Acq: 28 Sep 2016 14:13

Tgt Ion:112 Resp: 894927
Ion Ratio Lower Upper
112 100
64 53.4 39.8 59.6
63 26.3 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: 138.66 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090278.D

Acq: 28 Sep 2016 14:13

Instrument :

BNA_F

ClientSampleId :

PB93644BL

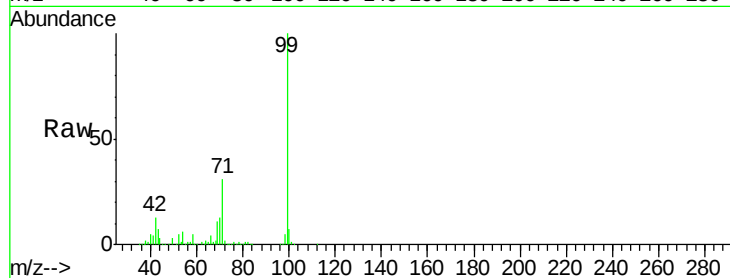
Tot Ion: 99 Resp: 1174505

Ion Ratio Lower Upper

99 100

42 13.1 10.6 15.8

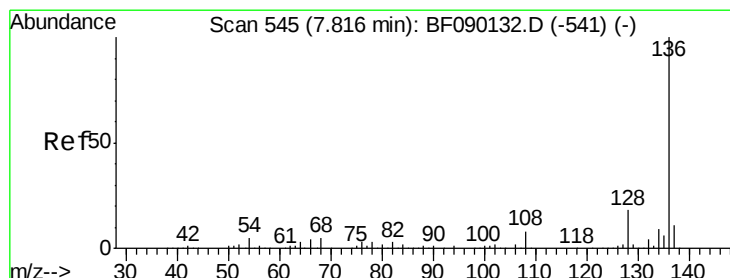
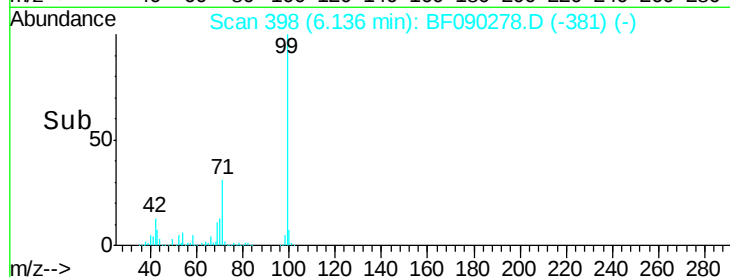
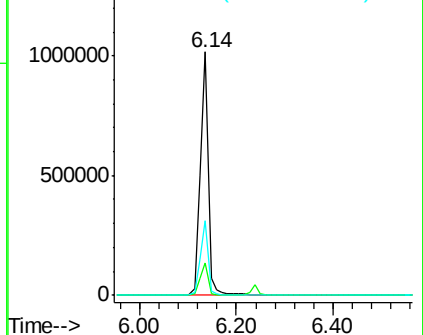
71 30.6 23.0 34.6



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 m

RT: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF090278.D

Acq: 28 Sep 2016 14:13

Tgt Ion: 136 Resp: 439724

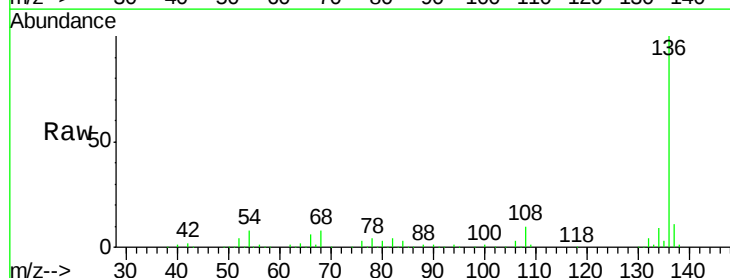
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 8.5 6.4 9.6

68 7.9 6.3 9.5

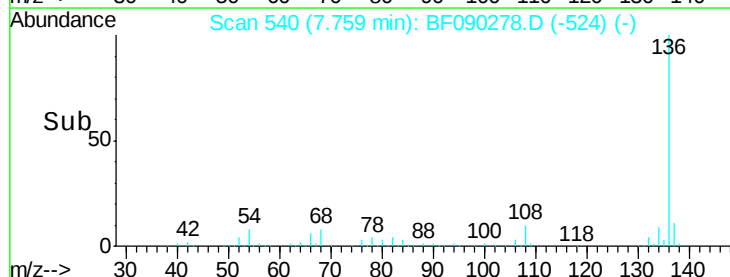
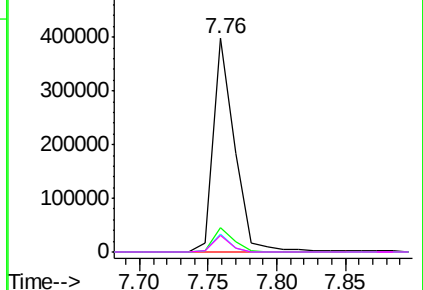


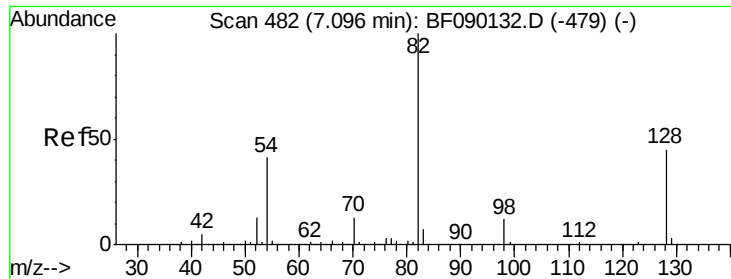
Abundance Ion 136.00 (135.70 to 136.70): E

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

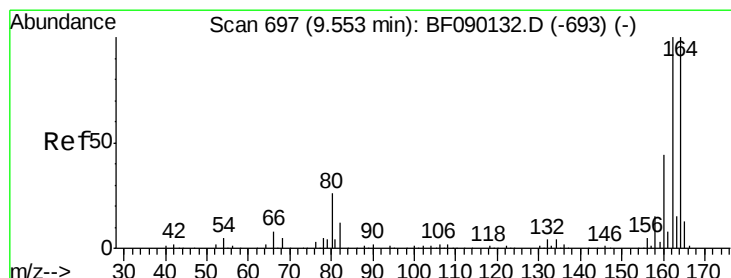
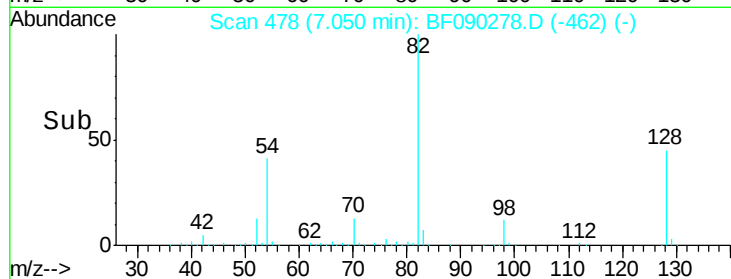
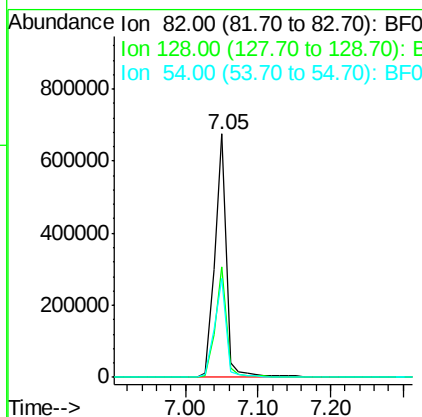
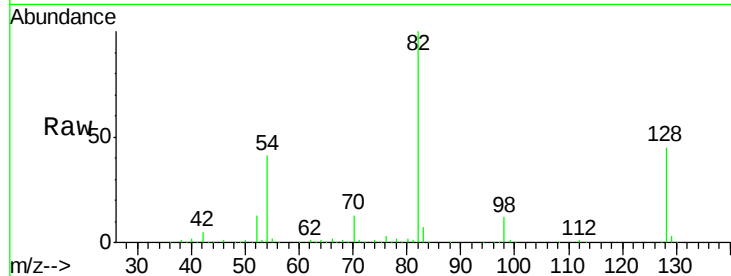




#23
 Nitrobenzene-d5
 Concen: 99.17 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090278.D
 Acq: 28 Sep 2016 14:13

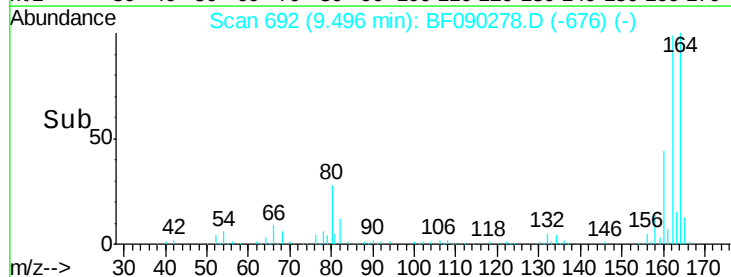
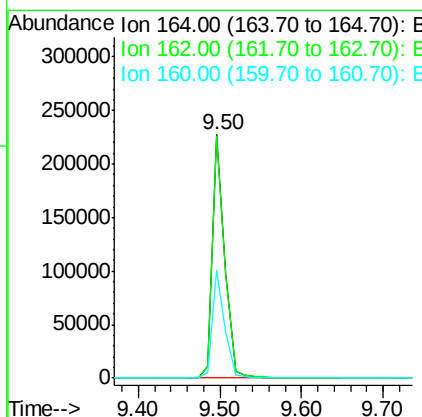
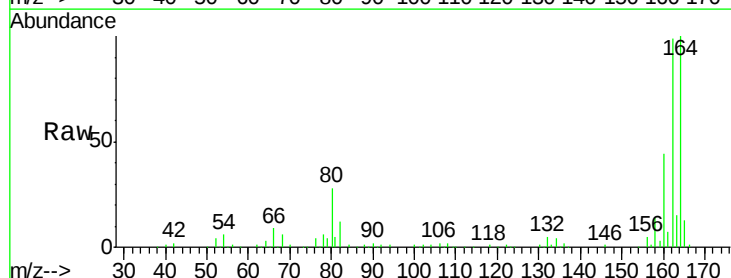
Instrument :
 BNA_F
 ClientSampleID :
 PB93644BL

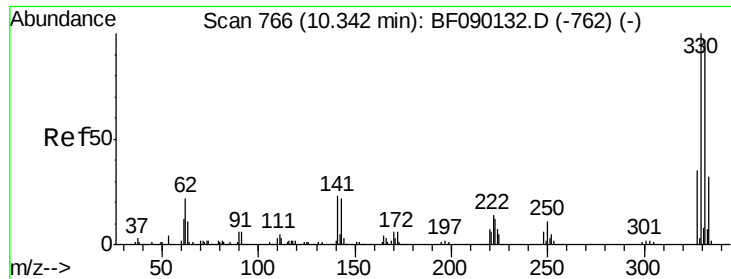
Tot Ion	82	Resp	752232
Ion Ratio	100	Lower	Upper
128	45.1	37.5	56.3
54	40.8	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 692
 Delta R.T. -0.01 min
 Lab File: BF090278.D
 Acq: 28 Sep 2016 14:13

Tgt Ion	164	Resp	240979
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.4	81.4	122.2
160	44.2	36.6	54.8

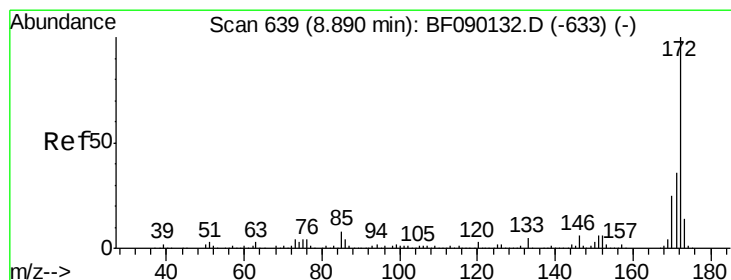
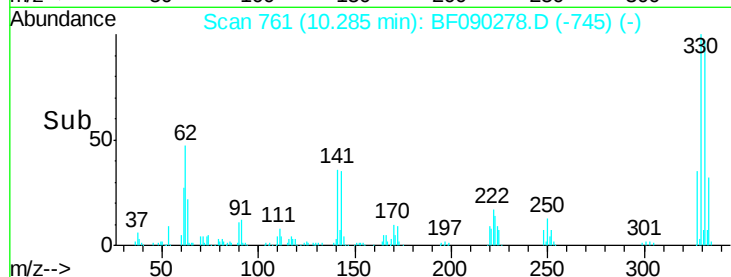
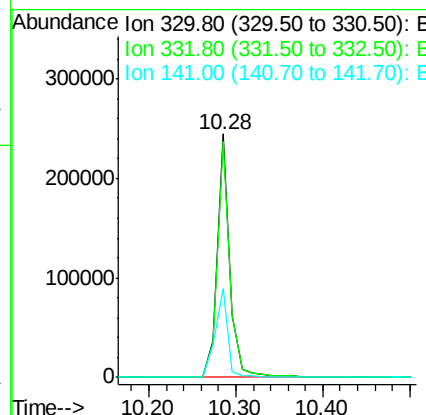
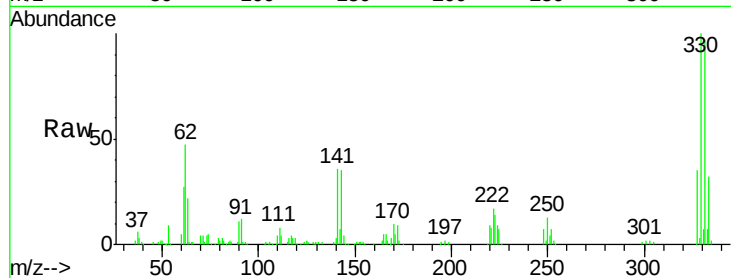




#41
 2,4,6-Tribromophenol
 Concen: 121.80 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF090278.D
 Acq: 28 Sep 2016 14:13

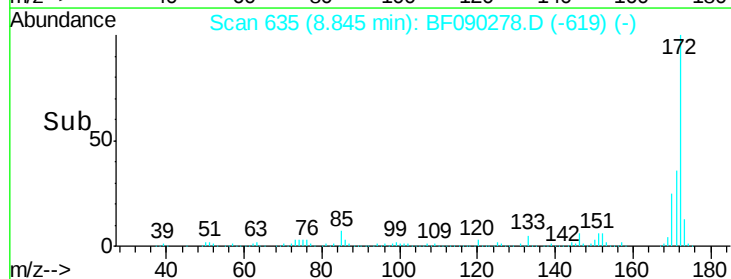
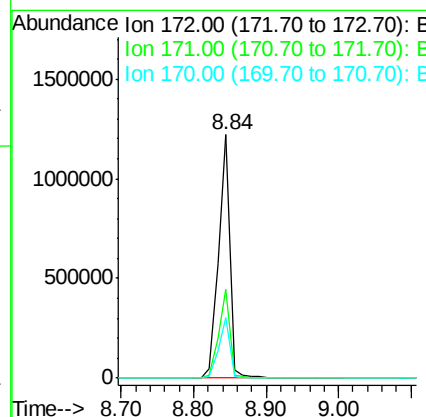
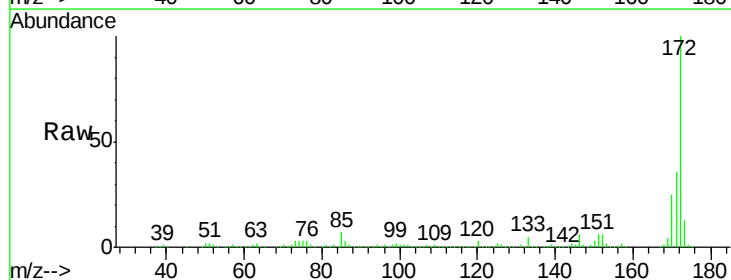
Instrument :
 BNA_F
 ClientSampleId :
 PB93644BL

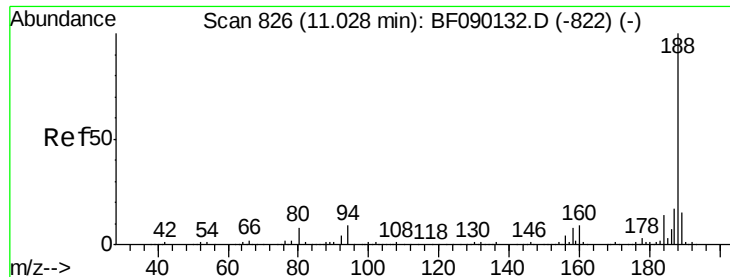
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.1	117.1
141	36.7	23.9	35.9#



#44
 2-Fluorobiphenyl
 Concen: 108.28 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090278.D
 Acq: 28 Sep 2016 14:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.2	43.8
170	24.6	19.8	29.8

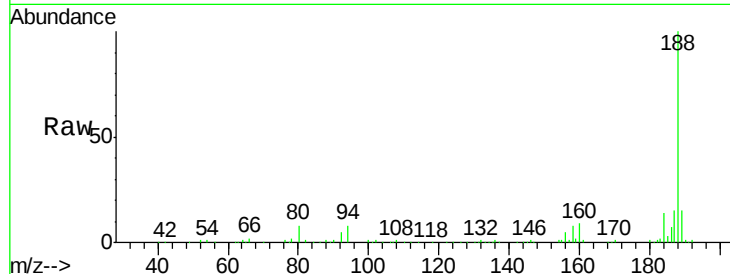




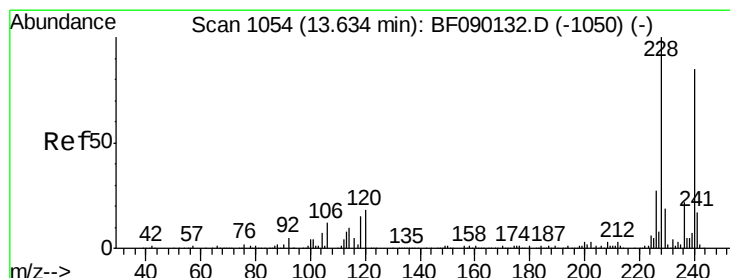
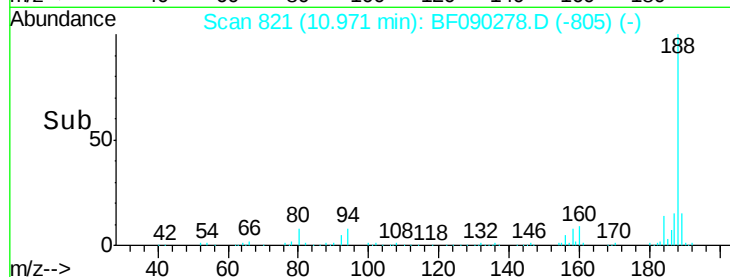
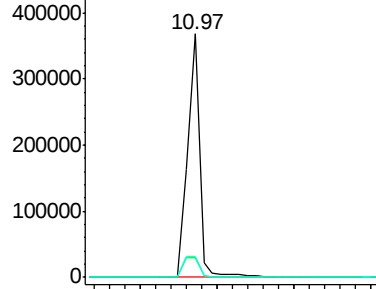
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090278.D
Acq: 28 Sep 2016 14:13

Instrument :
BNA_F
ClientSampleId :
PB93644BL

Tot Ion:188 Resp: 402036
Ion Ratio Lower Upper
188 100
94 8.2 10.5 15.7#
80 8.4 11.2 16.8#

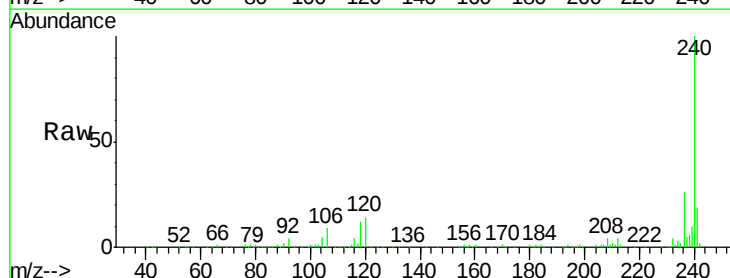


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

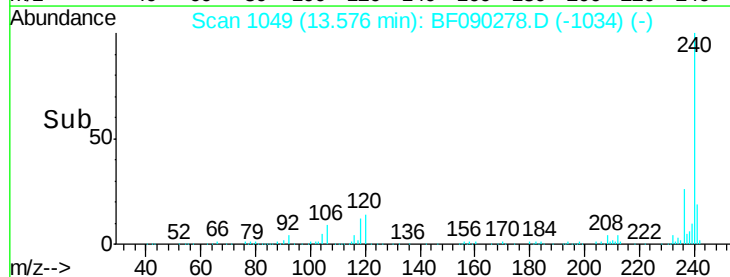
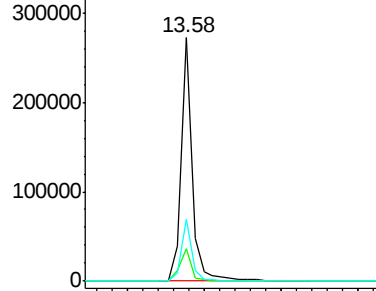


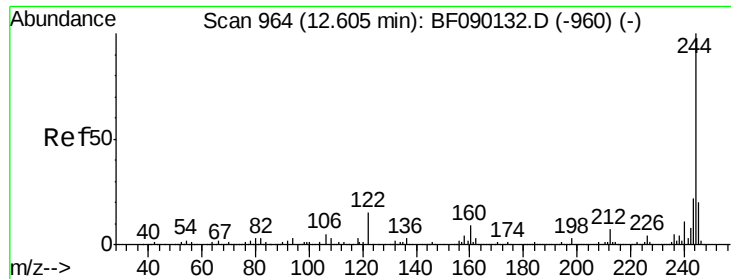
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF090278.D
Acq: 28 Sep 2016 14:13

Tgt Ion:240 Resp: 268949
Ion Ratio Lower Upper
240 100
120 13.5 10.6 16.0
236 25.6 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

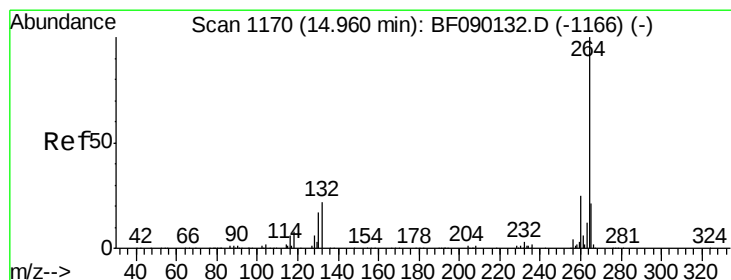
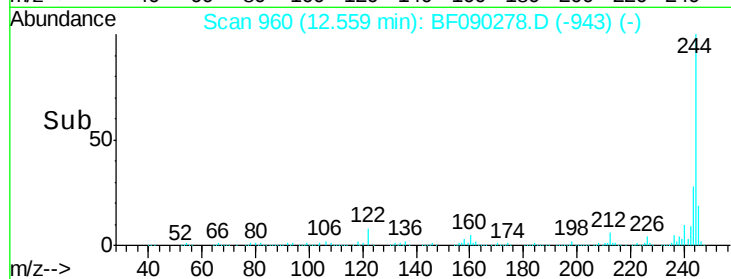
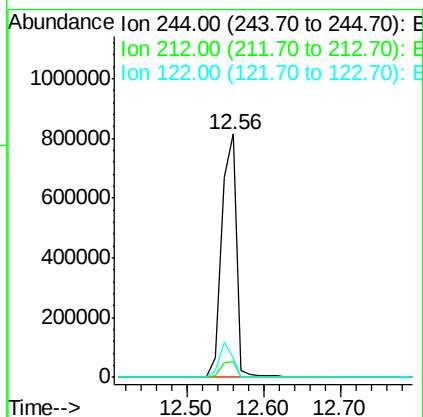
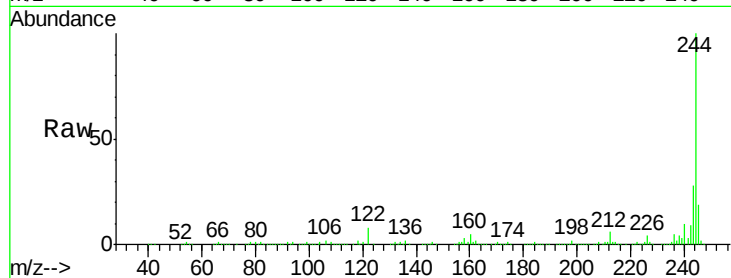




#78
 Terphenyl-d14
 Concen: 104.39 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF090278.D
 Acq: 28 Sep 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 PB93644BL

Tot Ion:244 Resp: 1105879
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 8.0 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090278.D
 Acq: 28 Sep 2016 14:13

Tgt Ion:264 Resp: 243649
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 20.8 17.0 25.4

