

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
 Data File : BF090084.D
 Acq On : 15 Sep 2016 11:28
 Operator : UM/SJ
 Sample : PB93381BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93381BL

Quant Time: Sep 15 16:12:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 15 09:41:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	140705	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	552713	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	311877	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	503036	20.00	ng	0.00
75) Chrysene-d12	13.66	240	436072	20.00	ng	-0.01
86) Perylene-d12	14.98	264	316209	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	1087315	124.28	ng	0.00
7) Phenol-d6	6.19	99	1446826	126.32	ng	-0.01
23) Nitrobenzene-d5	7.12	82	850312	86.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	300917	96.05	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1305833	65.76	ng	-0.01
78) Terphenyl-d14	12.63	244	1241412	67.61	ng	-0.01

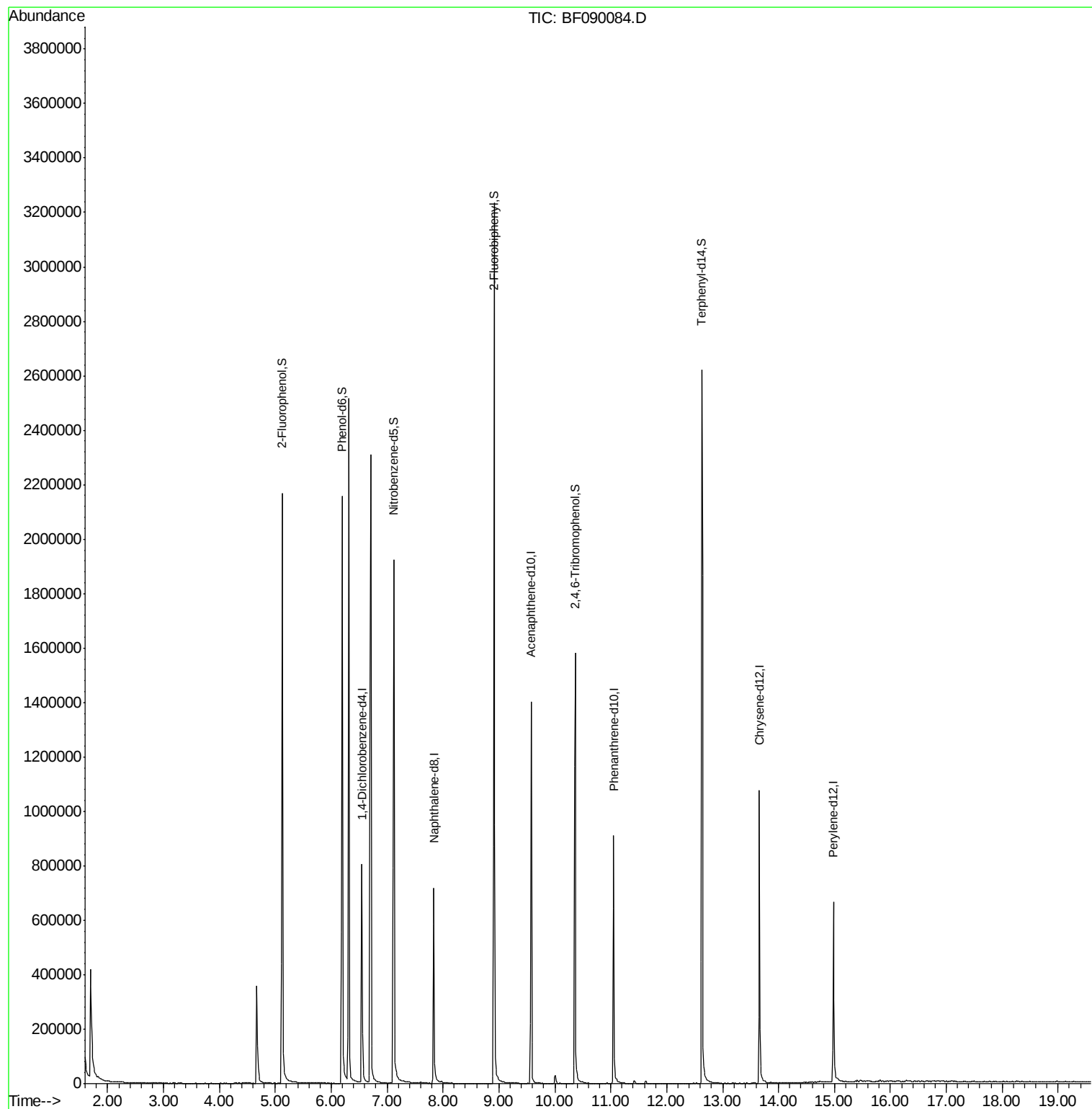
Target Compounds	Qvalue
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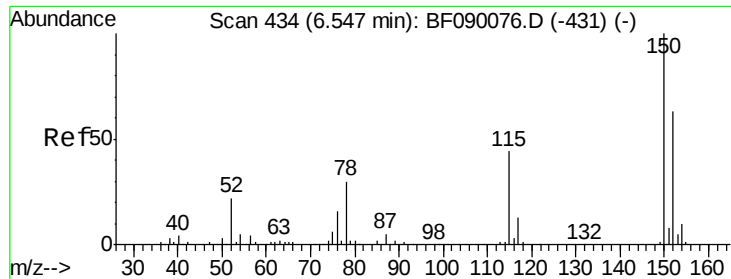
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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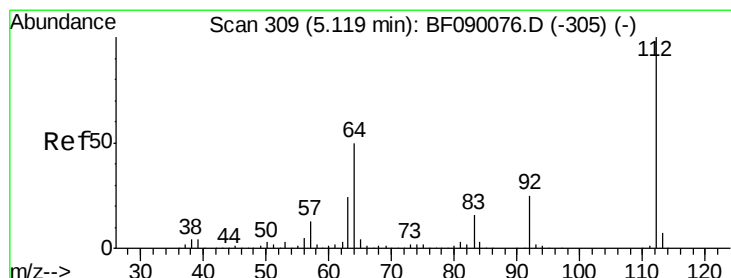
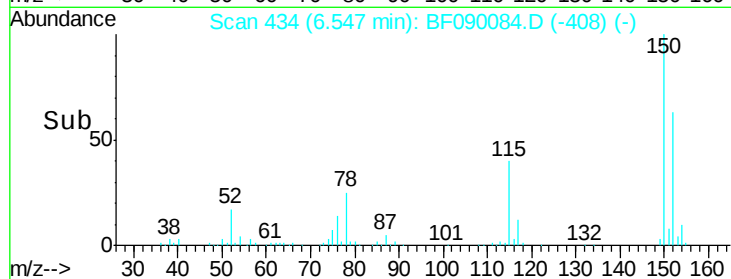
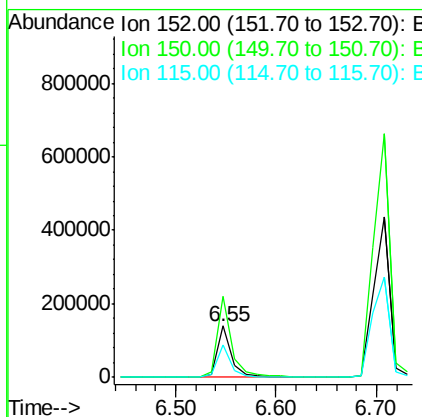
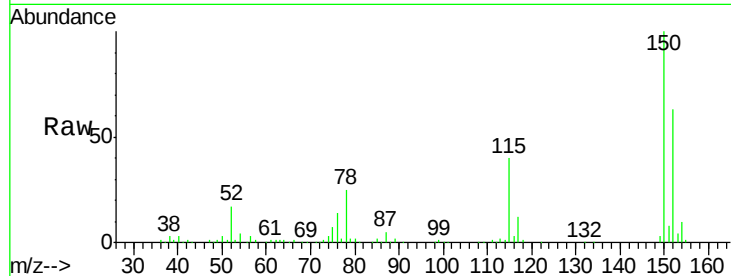




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.55 min Scan# 434
 Delta R.T. 0.00 min
 Lab File: BF090084.D
 Acq: 15 Sep 2016 11:28

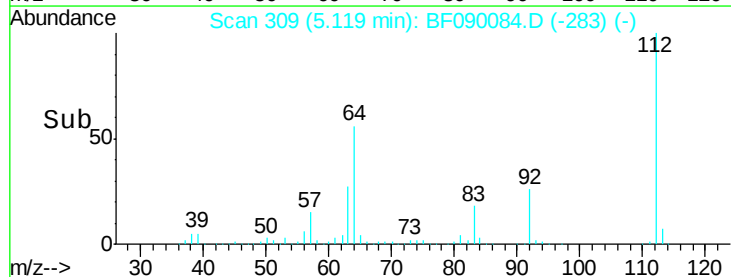
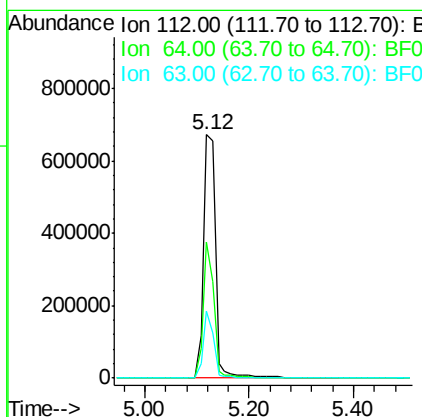
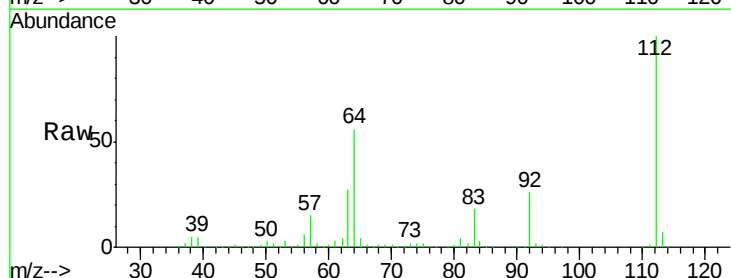
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BL

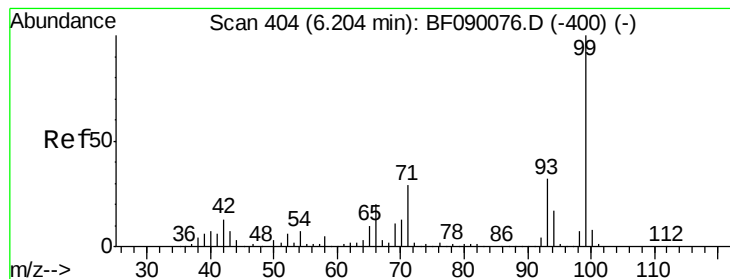
Tgt Ion:152 Resp: 140705
 Ion Ratio Lower Upper
 152 100
 150 157.6 128.9 193.3
 115 63.6 55.5 83.3



#5
 2-Fluorophenol
 Concen: 124.28 ng
 RT: 5.12 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: BF090084.D
 Acq: 15 Sep 2016 11:28

Tgt Ion:112 Resp: 1087315
 Ion Ratio Lower Upper
 112 100
 64 56.0 39.8 59.6
 63 27.3 18.9 28.3





#7

Phenol-d6

Concen: 126.32 ng

RT: 6.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF090084.D

Acq: 15 Sep 2016 11:28

Instrument :

BNA_F

ClientSampleId :

PB93381BL

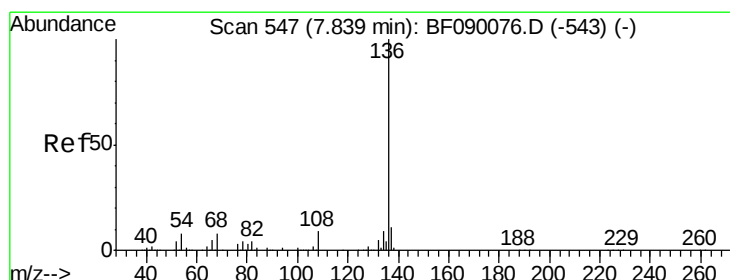
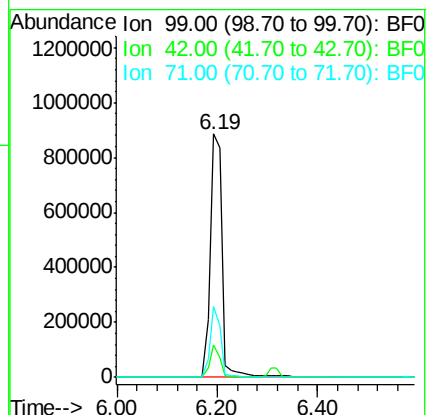
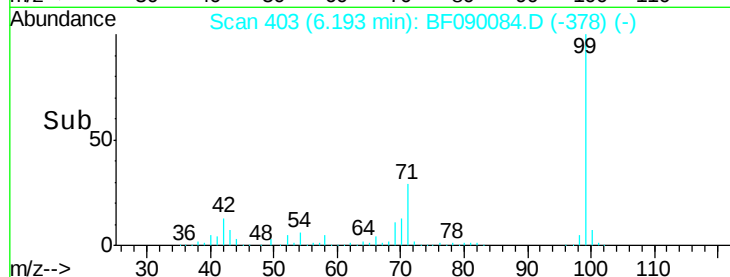
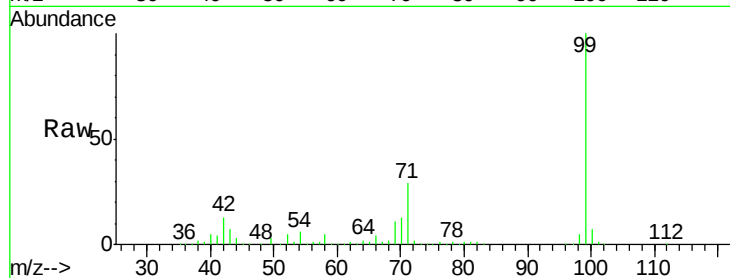
Tgt Ion: 99 Resp: 1446826

Ion Ratio Lower Upper

99 100

42 13.2 10.6 15.8

71 29.2 23.0 34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF090084.D

Acq: 15 Sep 2016 11:28

Tgt Ion: 136 Resp: 552713

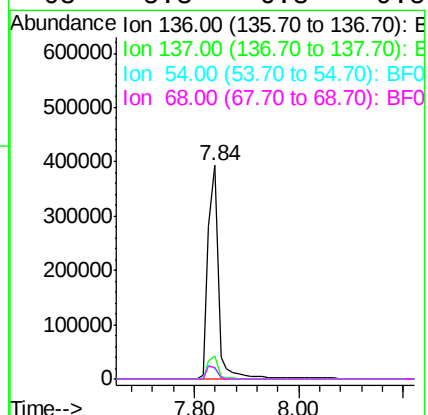
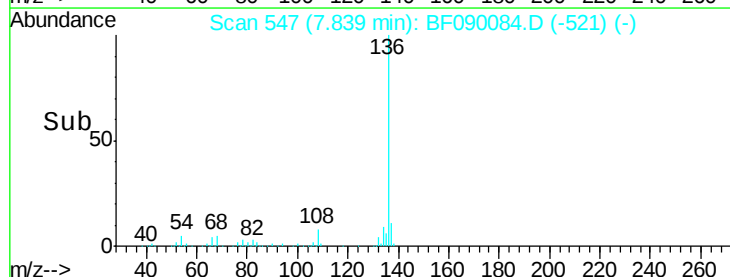
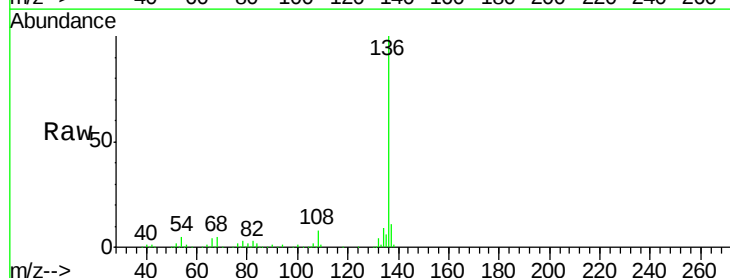
Ion Ratio Lower Upper

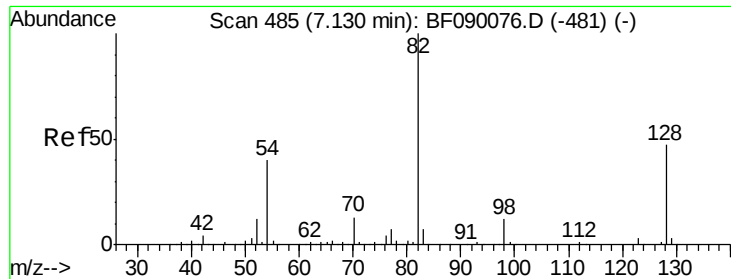
136 100

137 10.7 9.0 13.4

54 5.1 6.4 9.6#

68 5.3 6.3 9.5#

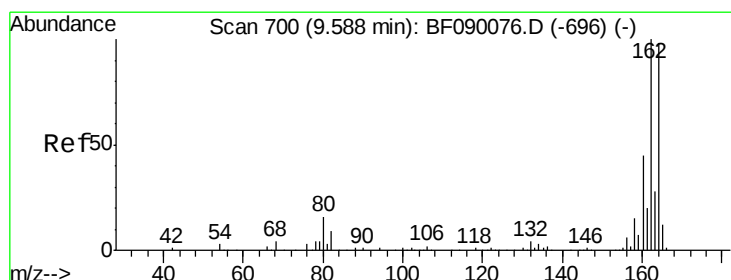
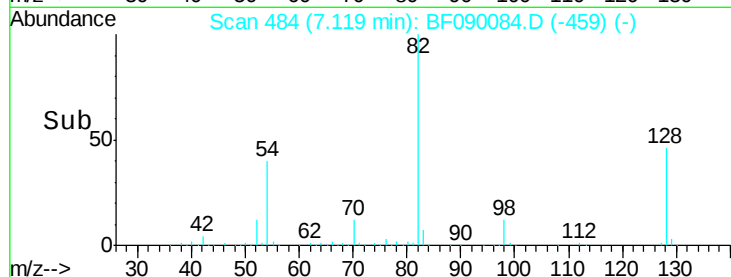
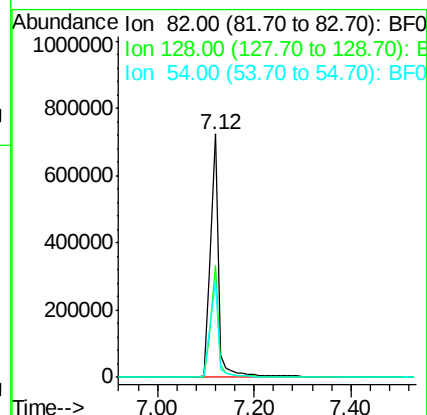
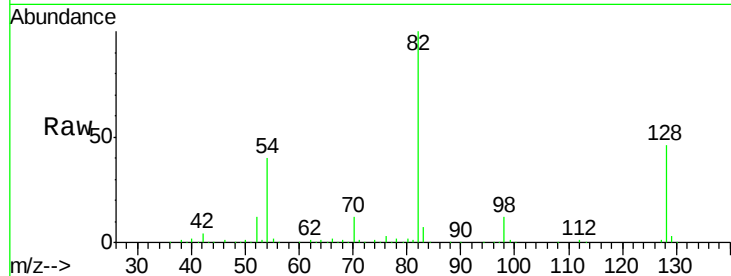




#23
 Nitrobenzene-d5
 Concen: 86.50 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: BF090084.D
 Acq: 15 Sep 2016 11:28

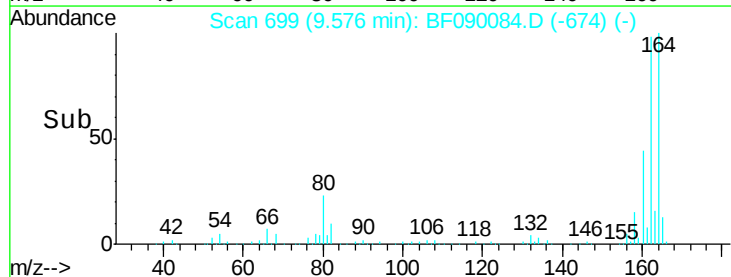
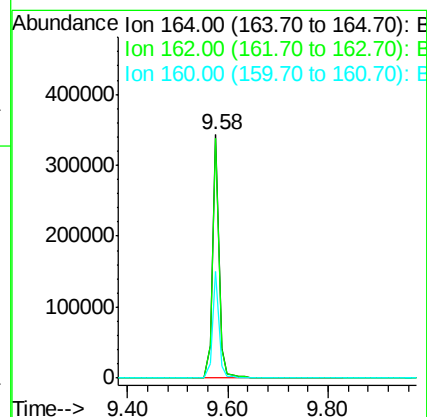
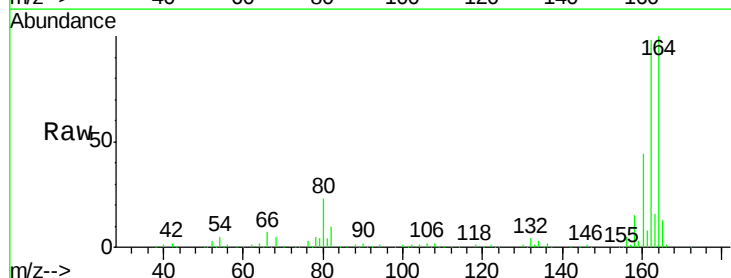
Instrument :
 BNA_F
 ClientSampleID :
 PB93381BL

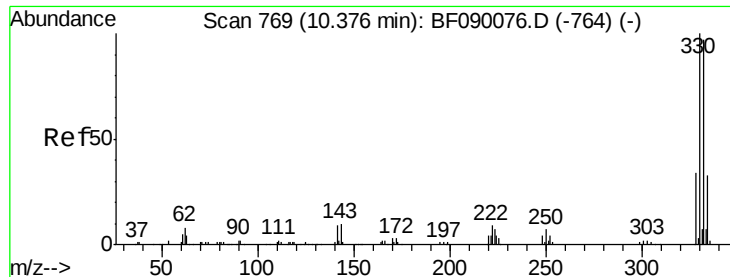
Tgt Ion: 82 Resp: 850312
 Ion Ratio Lower Upper
 82 100
 128 45.7 37.5 56.3
 54 39.8 31.9 47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF090084.D
 Acq: 15 Sep 2016 11:28

Tgt Ion: 164 Resp: 311877
 Ion Ratio Lower Upper
 164 100
 162 98.2 81.4 122.2
 160 43.9 36.6 54.8

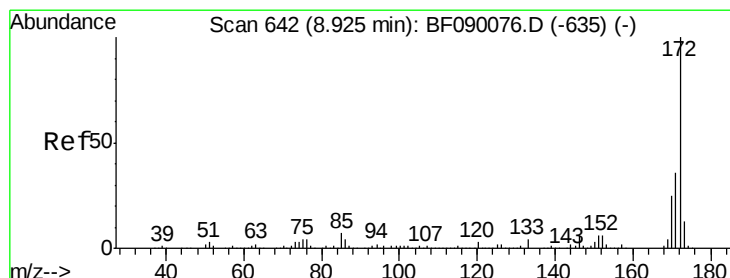
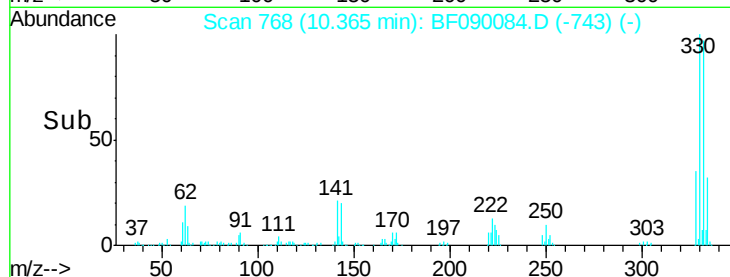
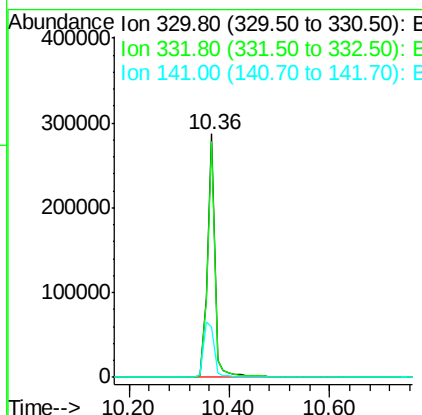
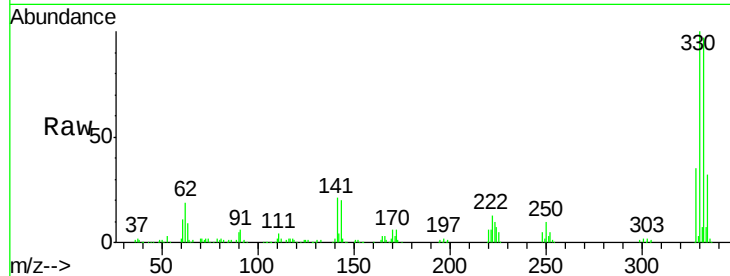




#41
 2,4,6-Tribromophenol
 Concen: 96.05 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BF090084.D
 Acq: 15 Sep 2016 11:28

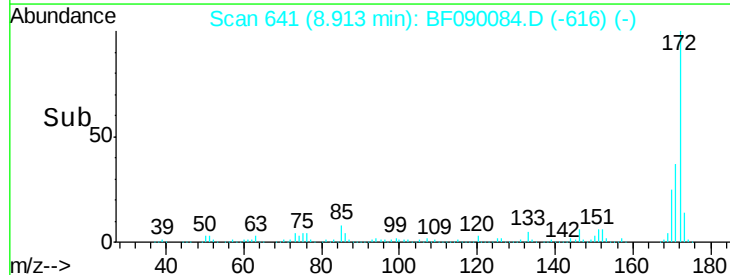
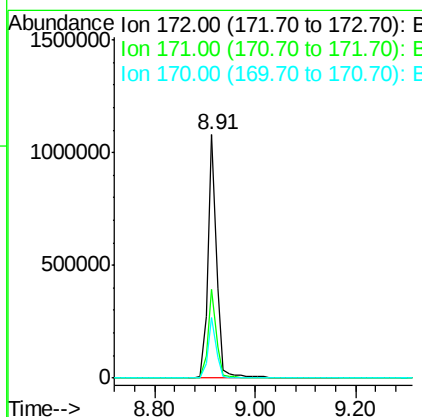
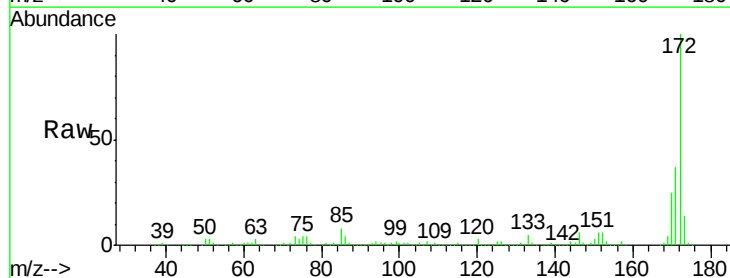
Instrument :
 BNA_F
 ClientSampleId :
 PB93381BL

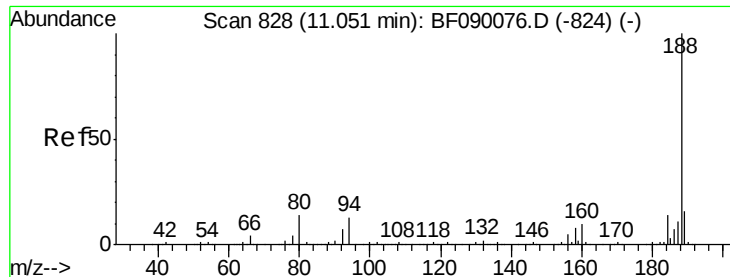
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	78.1	117.1
141	32.1	23.9	35.9



#44
 2-Fluorobiphenyl
 Concen: 65.76 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF090084.D
 Acq: 15 Sep 2016 11:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.7	19.8	29.8

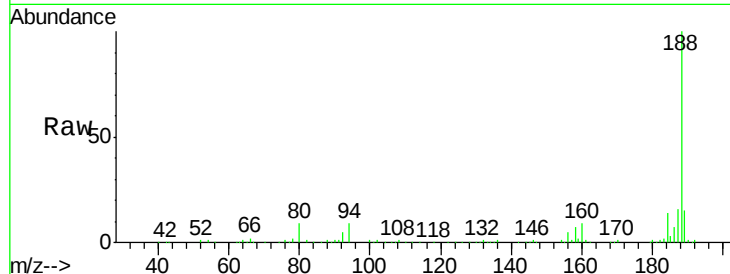




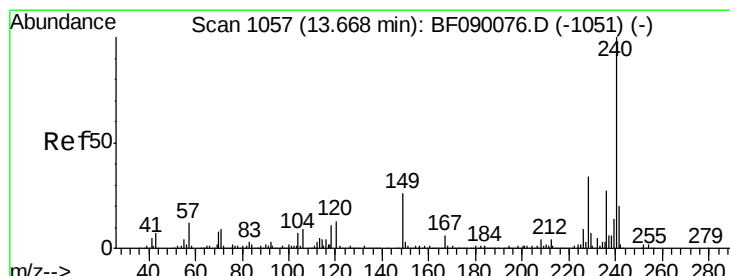
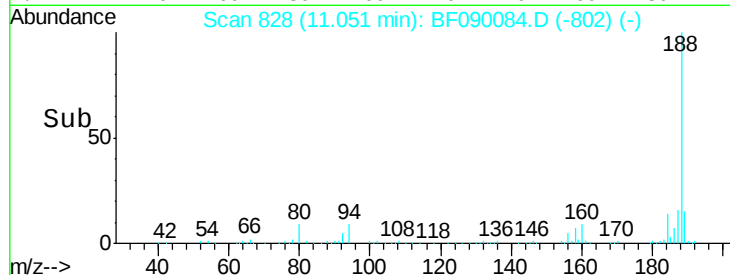
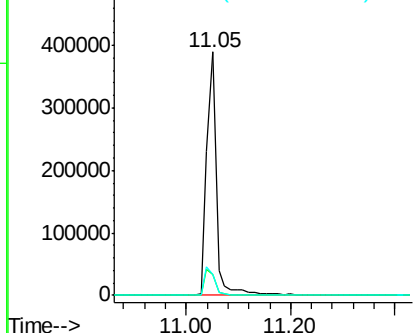
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF090084.D
Acq: 15 Sep 2016 11:28

Instrument :
BNA_F
ClientSampleId :
PB93381BL

Tgt Ion:188 Resp: 503036
Ion Ratio Lower Upper
188 100
94 8.6 10.5 15.7#
80 8.7 11.2 16.8#

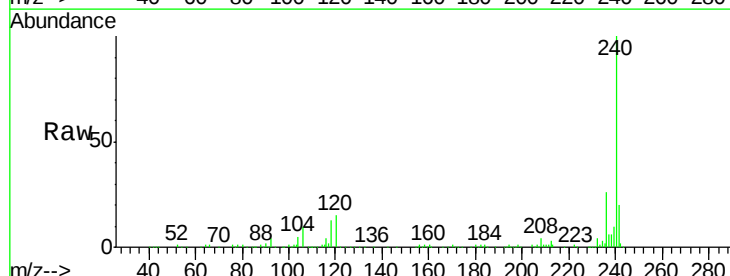


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

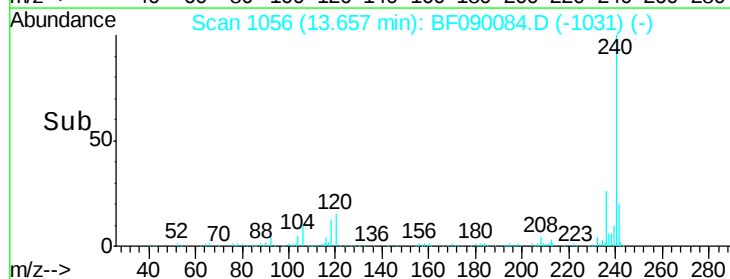
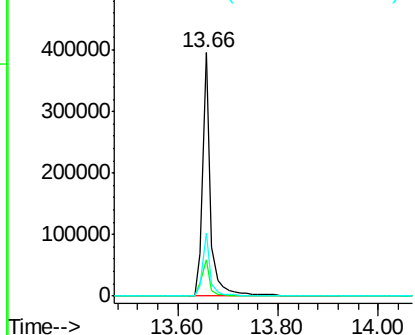


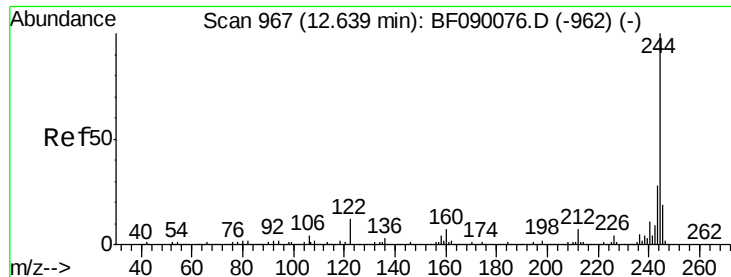
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF090084.D
Acq: 15 Sep 2016 11:28

Tgt Ion:240 Resp: 436072
Ion Ratio Lower Upper
240 100
120 14.8 10.6 16.0
236 26.1 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

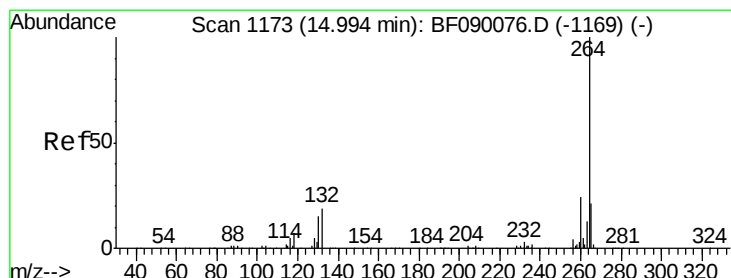
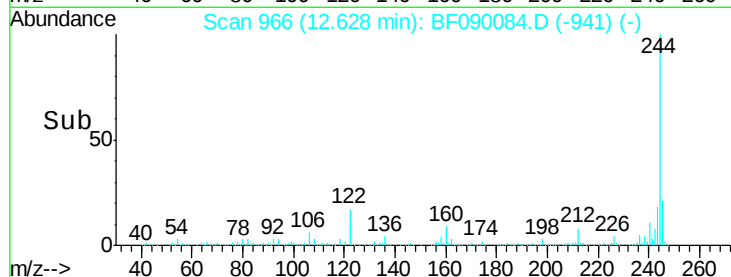
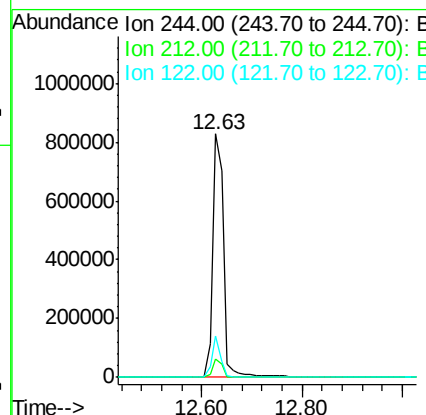
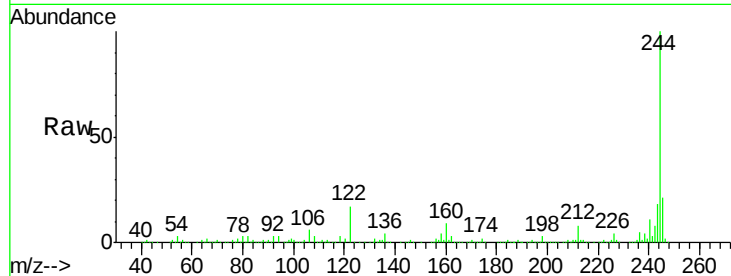




#78
 Terphenyl-d14
 Concen: 67.61 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF090084.D
 Acq: 15 Sep 2016 11:28

Instrument :
 BNA_F
 ClientSampled :
 PB93381BL

Tgt Ion:244 Resp: 1241412
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 17.1 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF090084.D
 Acq: 15 Sep 2016 11:28

Tgt Ion:264 Resp: 316209
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.7 17.0 25.4

