

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
 Data File : BF090246.D
 Acq On : 27 Sep 2016 4:25
 Operator : UM/SJ
 Sample : H4927-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-19A

Quant Time: Sep 27 04:52:11 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	148717	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	564794	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	300582	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	410513	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	305650	20.00	ng	-0.01
86) Perylene-d12	14.90	264	268366	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	910022	99.74	ng	0.02
7) Phenol-d6	6.14	99	1013335	89.93	ng	0.00
23) Nitrobenzene-d5	7.05	82	659849	67.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	277907	107.77	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1191986	77.85	ng	-0.01
78) Terphenyl-d14	12.56	244	870258	72.29	ng	0.00

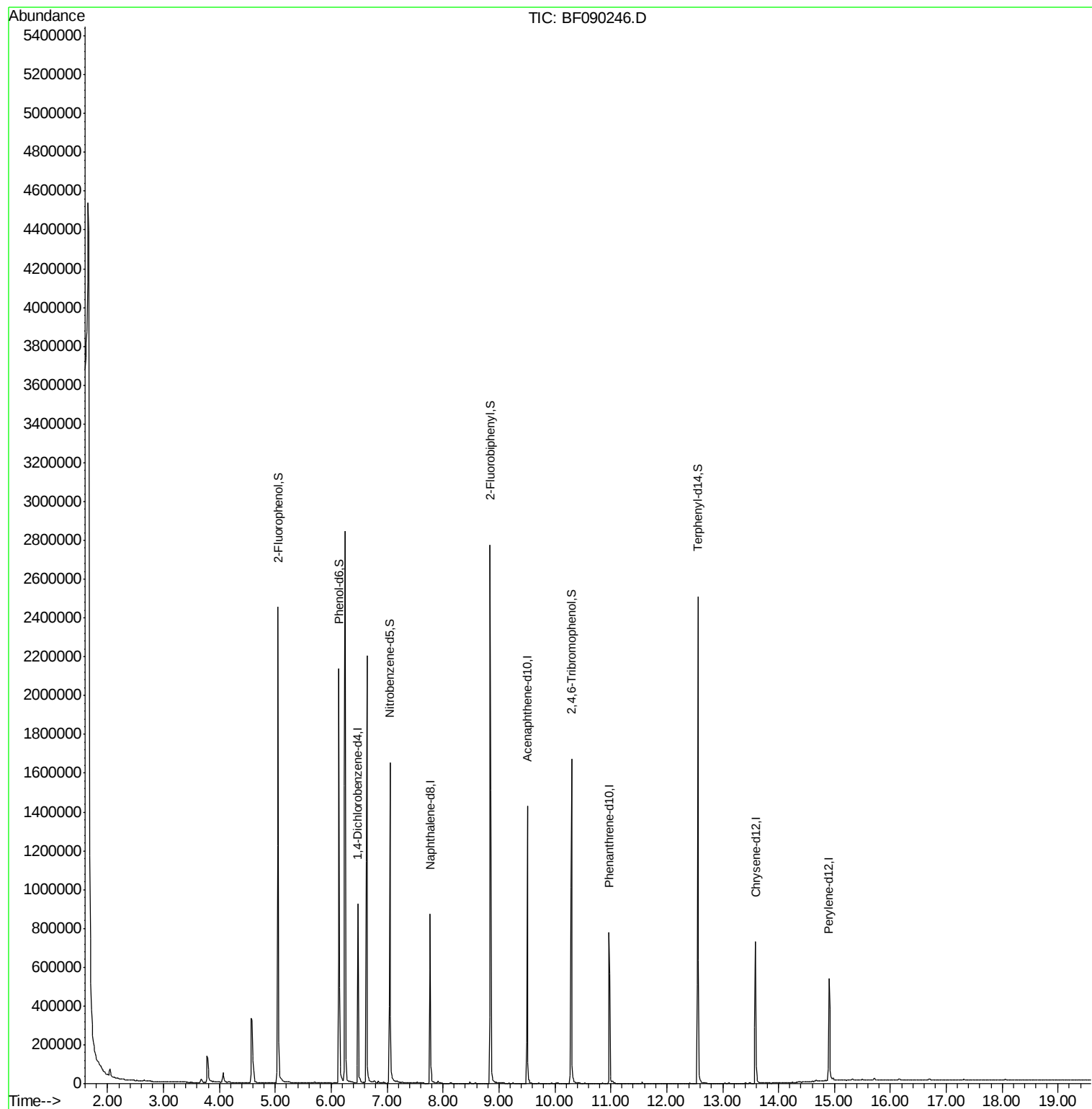
Target Compounds Qvalue

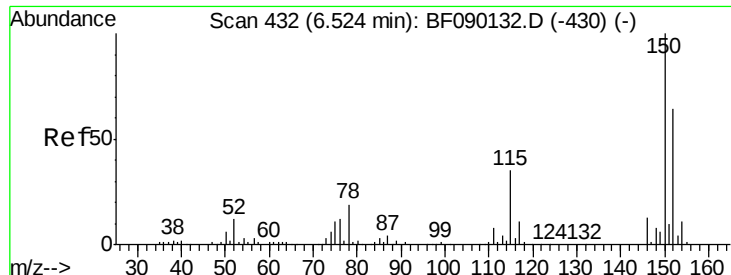
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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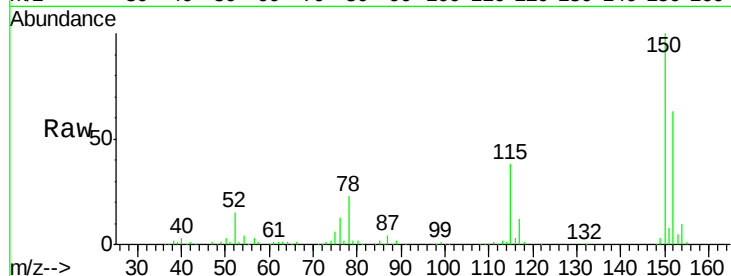


#1

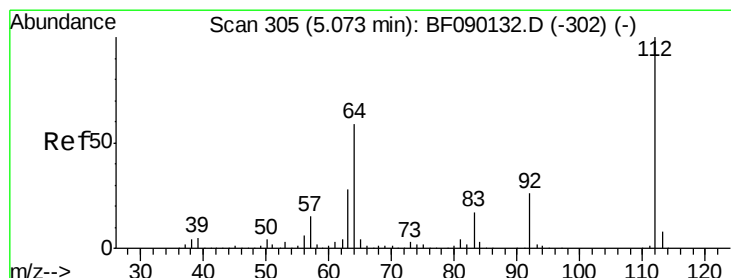
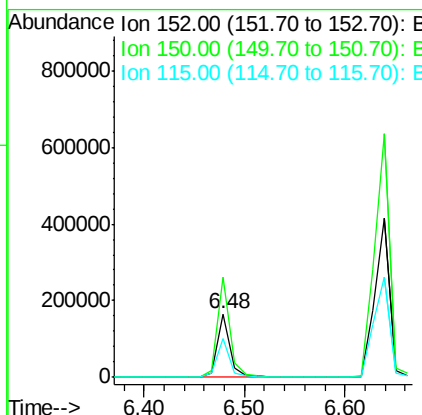
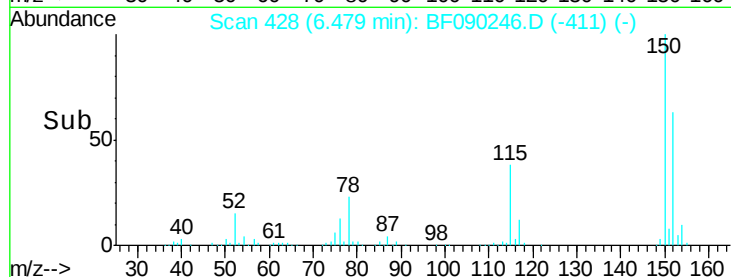
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.48 min Scan# 428
 Delta R.T. -0.00 min
 Lab File: BF090246.D
 Acq: 27 Sep 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-19A

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	128.9	193.3
115	60.4	55.5	83.3



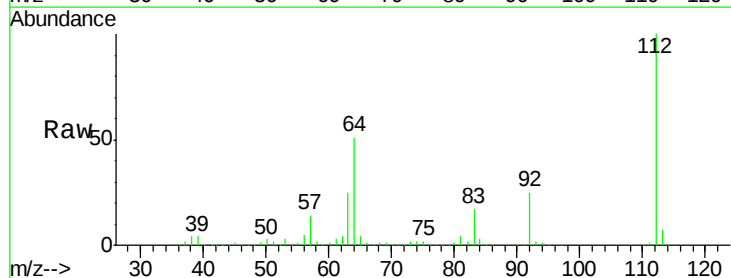
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



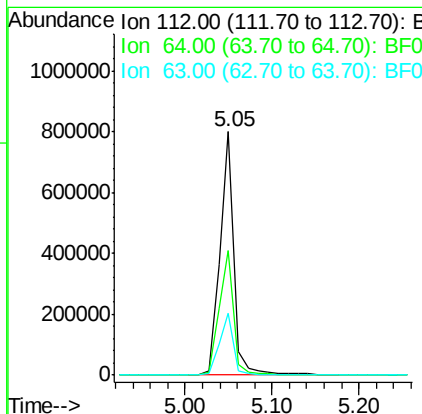
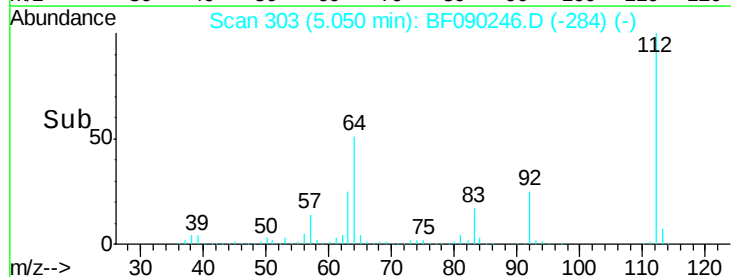
#5

2-Fluorophenol
 Concen: 99.74 ng
 RT: 5.05 min Scan# 303
 Delta R.T. 0.02 min
 Lab File: BF090246.D
 Acq: 27 Sep 2016 4:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.3	39.8	59.6
63	25.4	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: 89.93 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090246.D

Acq: 27 Sep 2016 4:25

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-19A

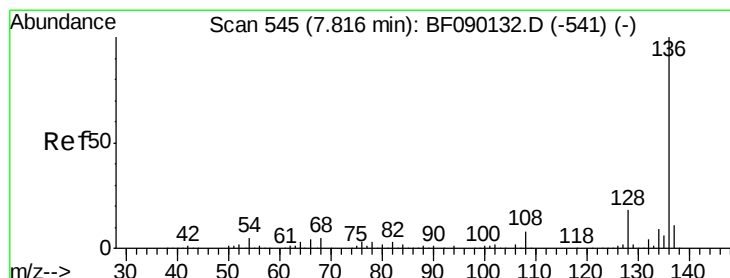
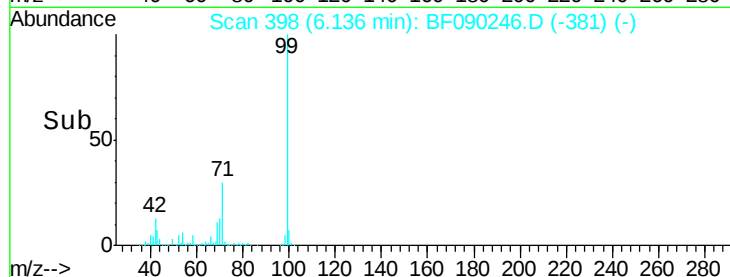
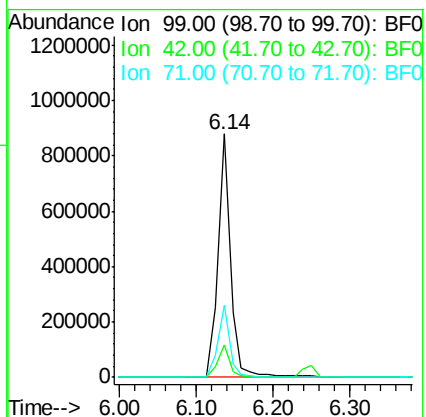
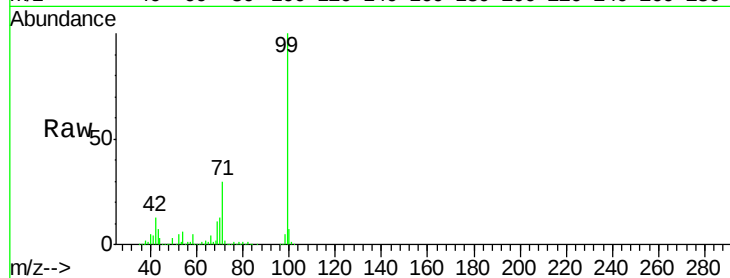
Tot Ion: 99 Resp: 1013335

Ion Ratio Lower Upper

99 100

42 13.3 10.6 15.8

71 29.7 23.0 34.6



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF090246.D

Acq: 27 Sep 2016 4:25

Tgt Ion: 136 Resp: 564794

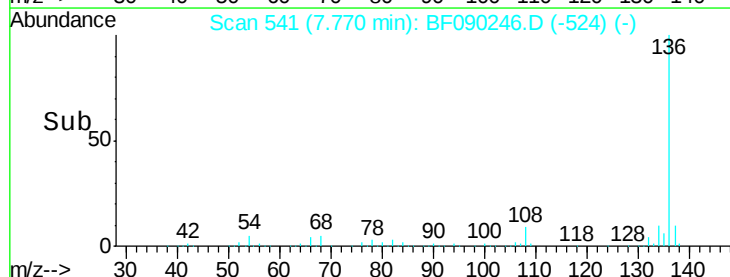
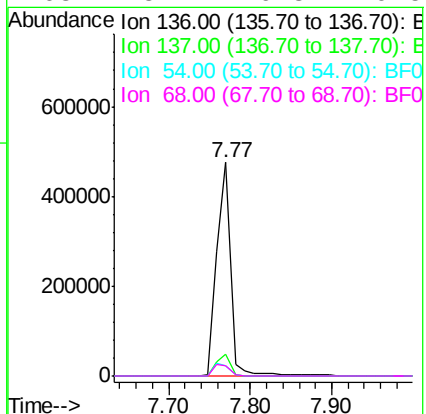
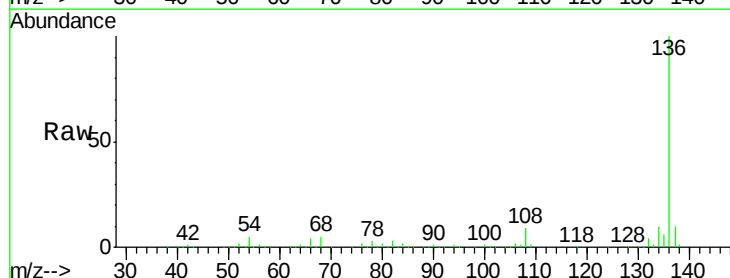
Ion Ratio Lower Upper

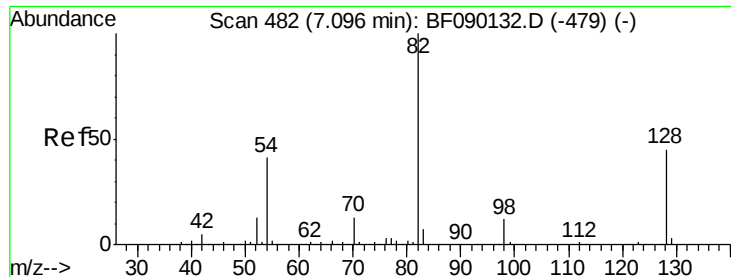
136 100

137 10.5 9.0 13.4

54 5.1 6.4 9.6#

68 5.1 6.3 9.5#

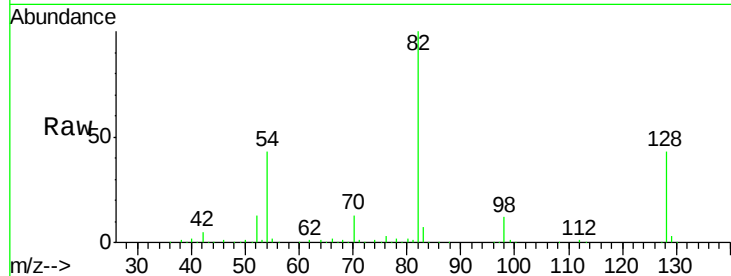




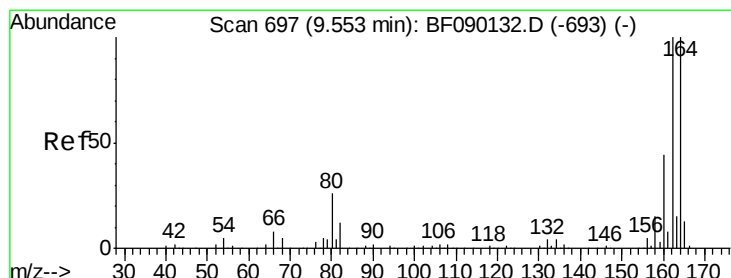
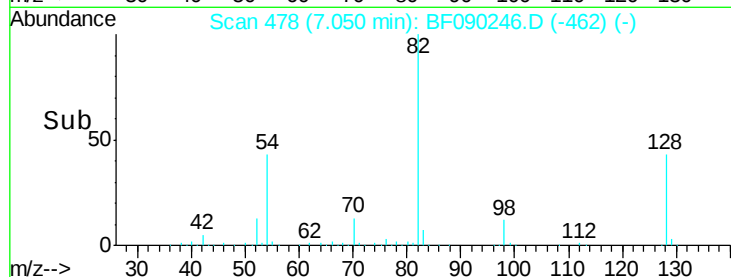
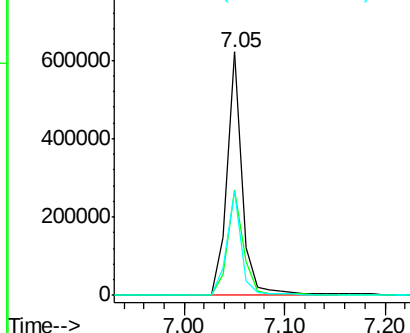
#23
 Nitrobenzene-d5
 Concen: 67.72 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090246.D
 Acq: 27 Sep 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-19A

Tot Ion	82	Resp	659849
Ion Ratio	100	Lower	Upper
128	43.2	37.5	56.3
54	42.5	31.9	47.9

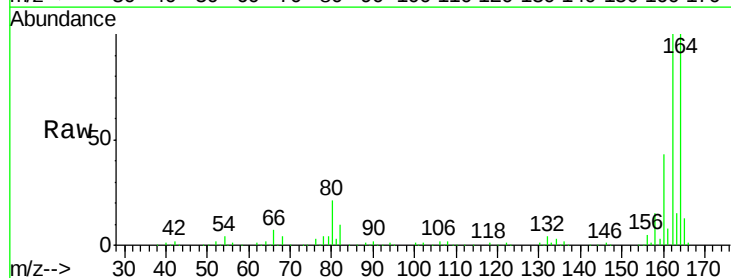


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

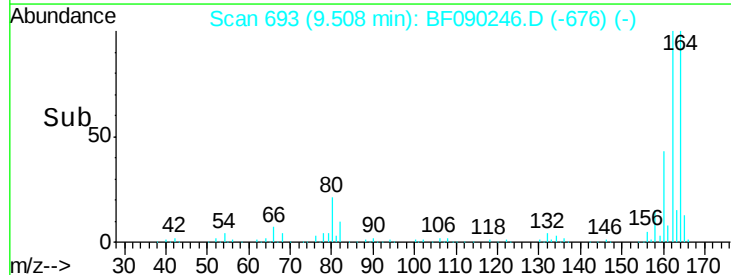
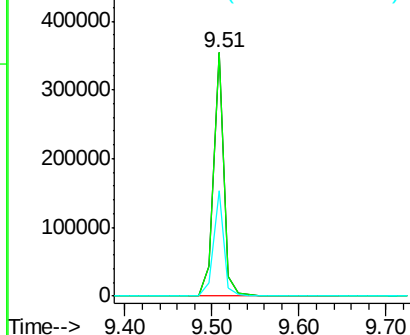


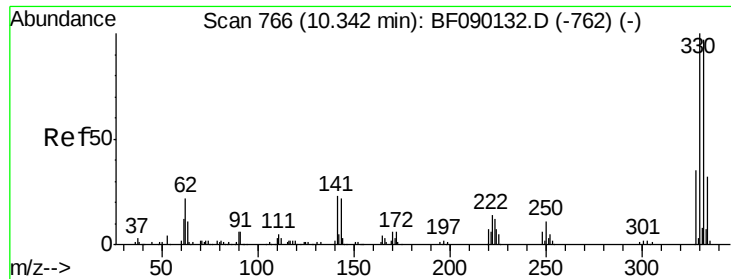
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF090246.D
 Acq: 27 Sep 2016 4:25

Tgt Ion	164	Resp	300582
Ion Ratio	100	Lower	Upper
162	100.2	81.4	122.2
160	43.6	36.6	54.8



Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B

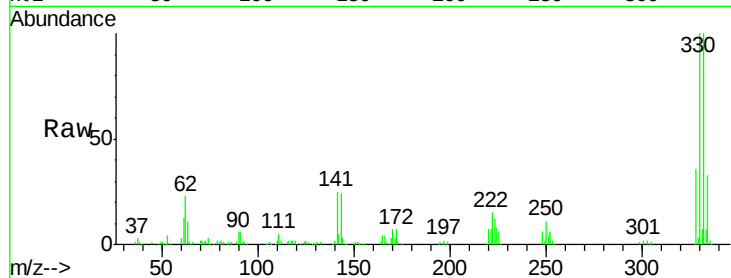




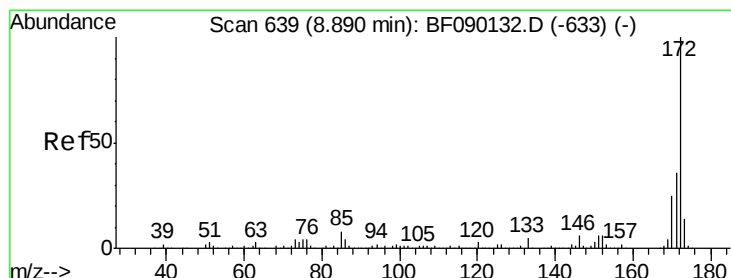
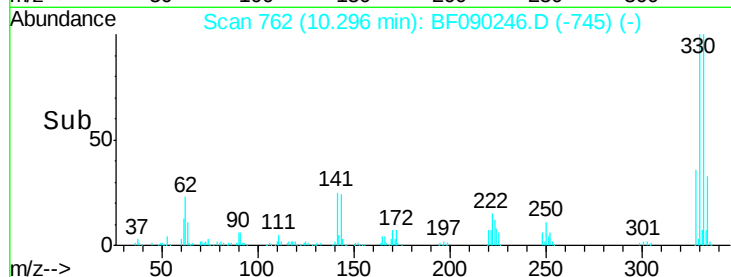
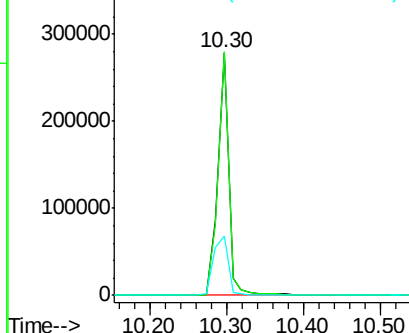
#41
 2,4,6-Tribromophenol
 Concen: 107.77 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090246.D
 Acq: 27 Sep 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-19A

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.2	78.1	117.1
141	33.1	23.9	35.9

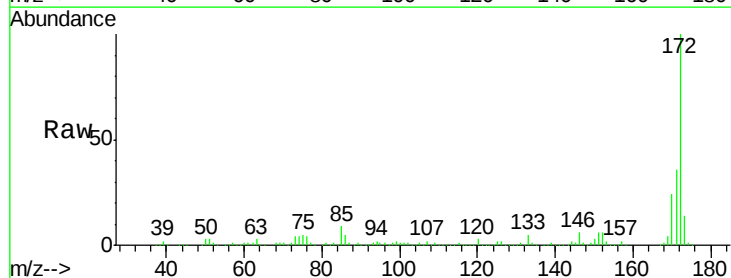


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

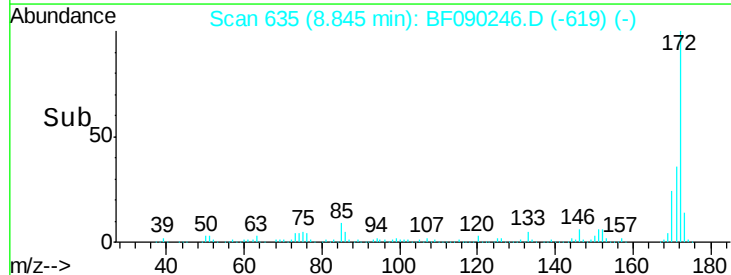
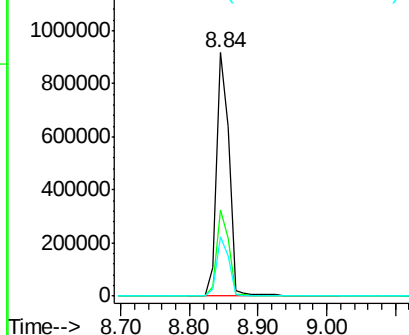


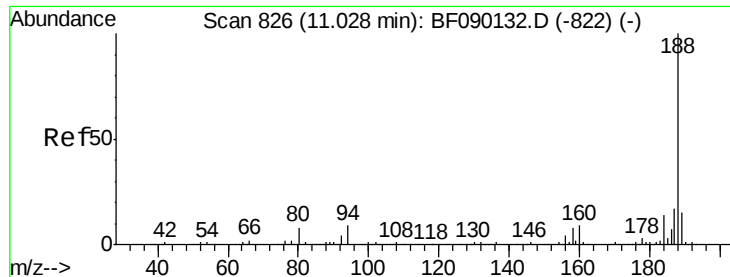
#44
 2-Fluorobiphenyl
 Concen: 77.85 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090246.D
 Acq: 27 Sep 2016 4:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	24.2	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

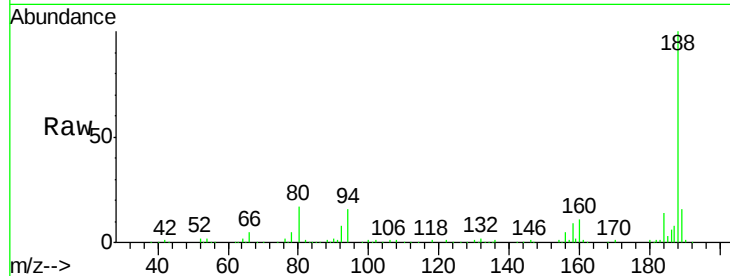




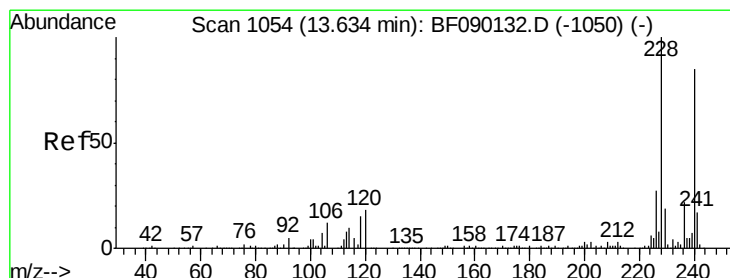
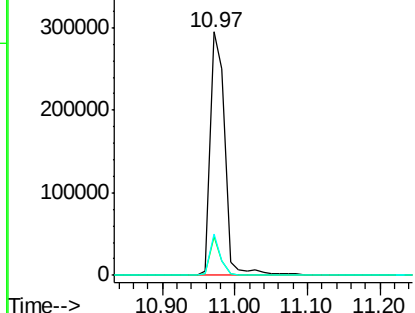
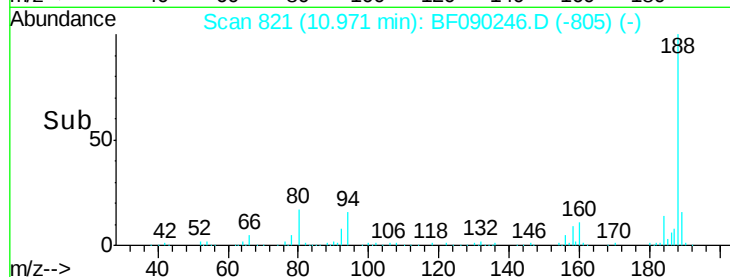
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF090246.D
 Acq: 27 Sep 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-19A

Tot Ion:188 Resp: 410513
 Ion Ratio Lower Upper
 188 100
 94 15.8 10.5 15.7#
 80 16.9 11.2 16.8#

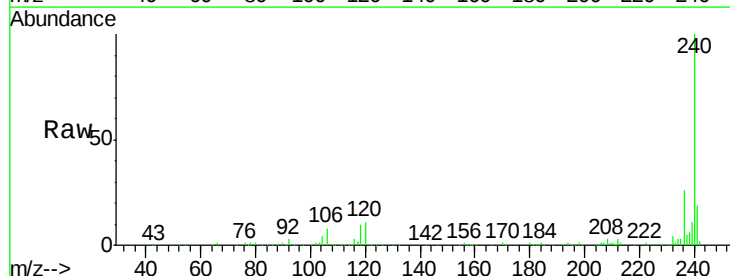


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

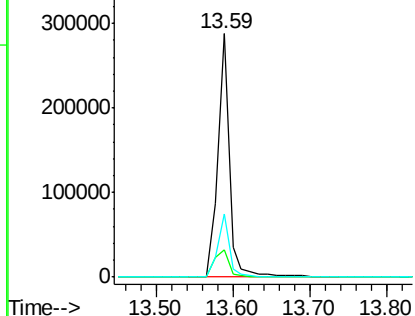
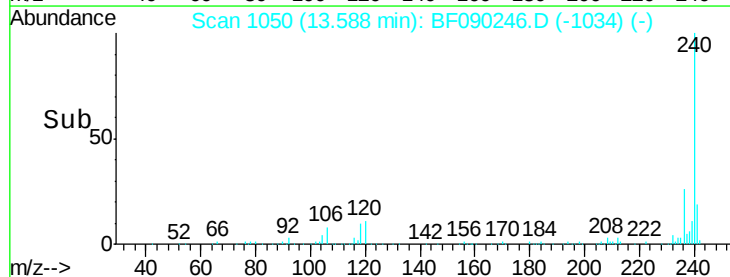


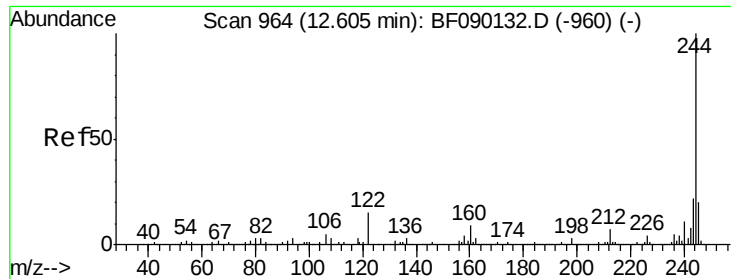
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF090246.D
 Acq: 27 Sep 2016 4:25

Tgt Ion:240 Resp: 305650
 Ion Ratio Lower Upper
 240 100
 120 11.4 10.6 16.0
 236 26.0 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

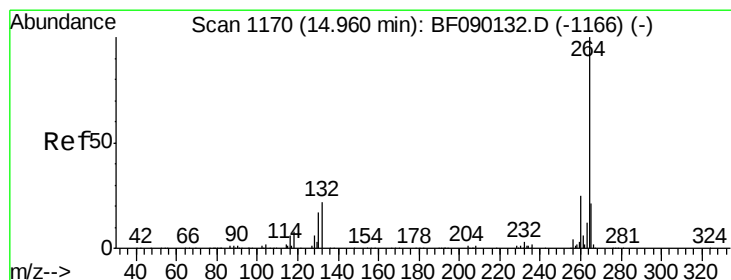
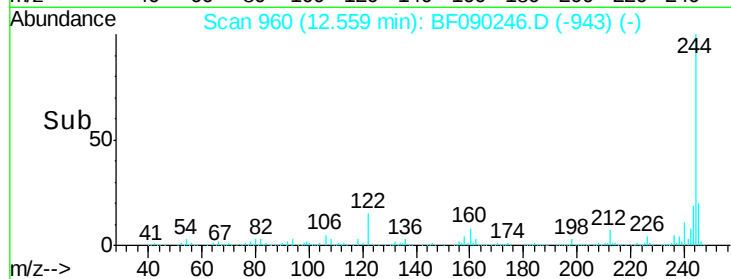
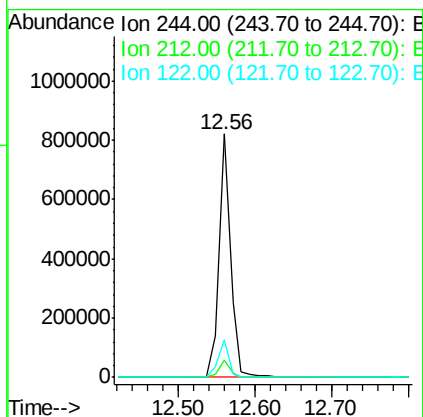
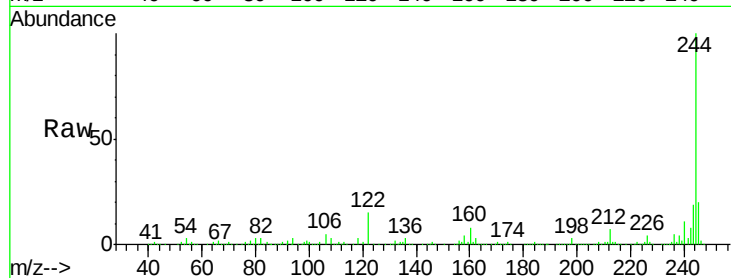




#78
 Terphenyl-d14
 Concen: 72.29 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF090246.D
 Acq: 27 Sep 2016 4:25

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-19A

Tot Ion:244 Resp: 870258
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 15.5 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: BF090246.D
 Acq: 27 Sep 2016 4:25

Tgt Ion:264 Resp: 268366
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 22.4 17.0 25.4

