

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
 Data File : BF090243.D
 Acq On : 27 Sep 2016 3:02
 Operator : UM/SJ
 Sample : H4954-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-20B

Quant Time: Sep 27 03:49:30 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	139407	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	540537	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	286585	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	402992	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	294646	20.00	ng	-0.01
86) Perylene-d12	14.91	264	264148	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	862179	100.81	ng	0.02
7) Phenol-d6	6.14	99	1064831	100.81	ng	0.00
23) Nitrobenzene-d5	7.05	82	662339	71.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	279567	113.71	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1202838	82.40	ng	-0.01
78) Terphenyl-d14	12.56	244	920745	79.34	ng	0.00

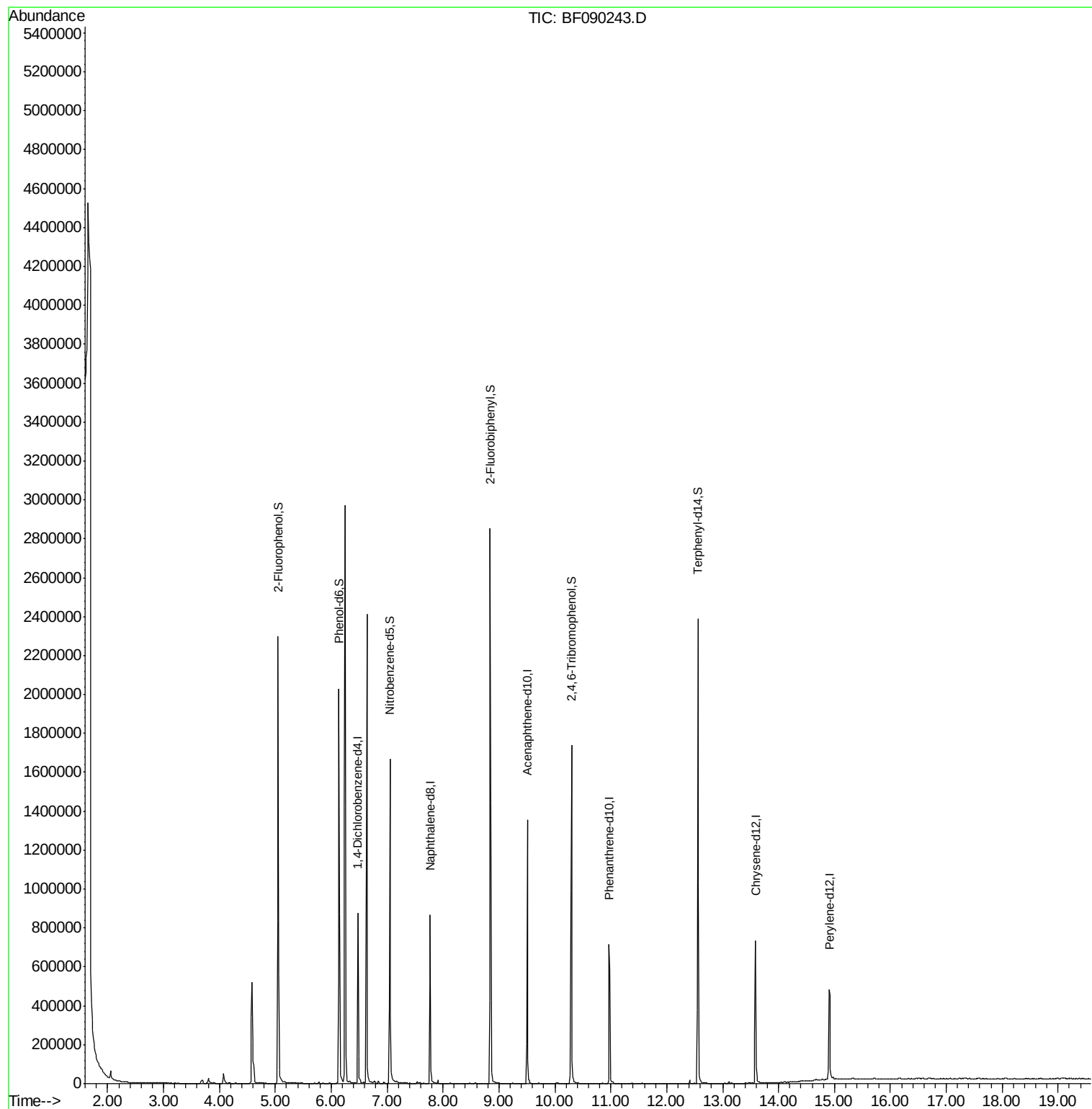
Target Compounds Qvalue

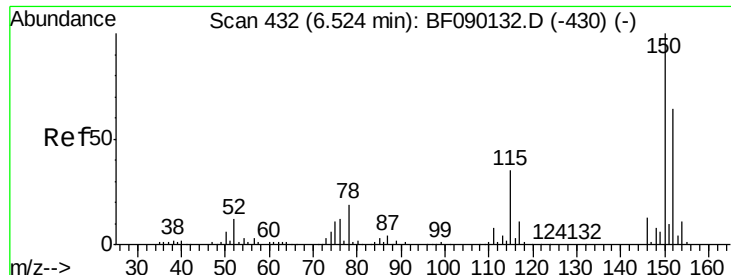
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090243.D

Acq: 27 Sep 2016 3:02

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-20B

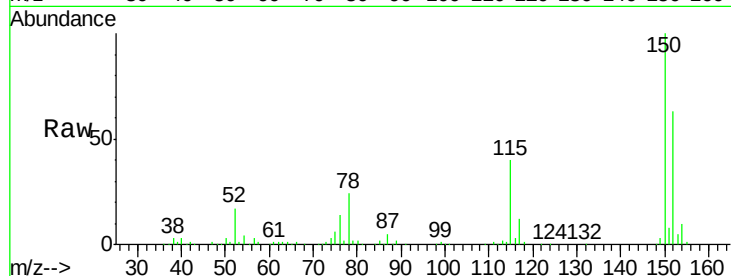
Tot Ion:152 Resp: 139407

Ion Ratio Lower Upper

152 100

150 157.6 128.9 193.3

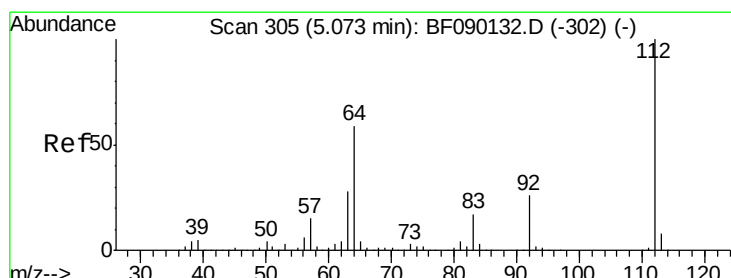
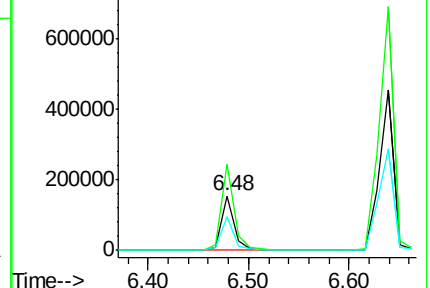
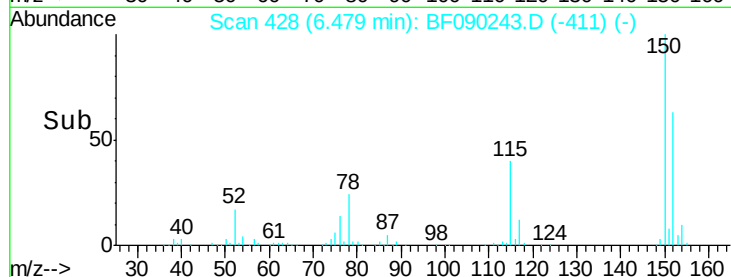
115 62.8 55.5 83.3



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: 100.81 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF090243.D

Acq: 27 Sep 2016 3:02

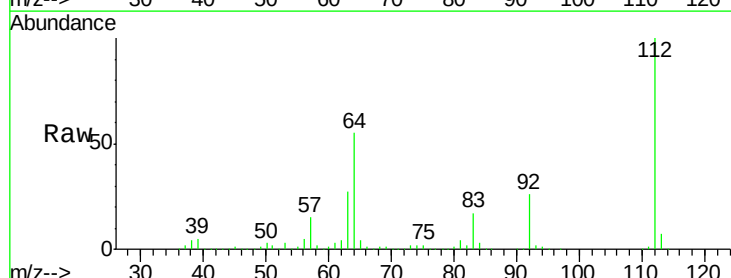
Tgt Ion:112 Resp: 862179

Ion Ratio Lower Upper

112 100

64 55.4 39.8 59.6

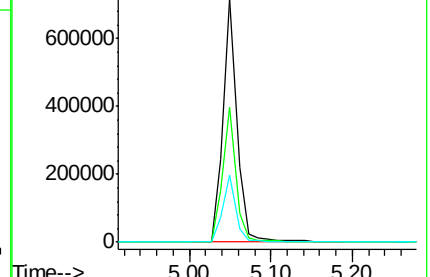
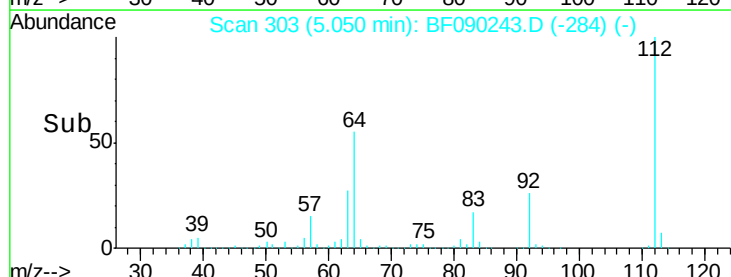
63 27.3 18.9 28.3

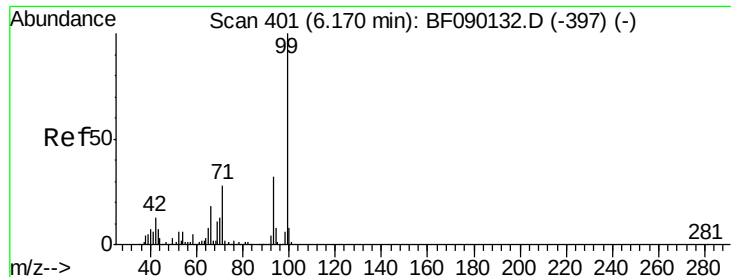


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.81 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090243.D

Acq: 27 Sep 2016 3:02

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-20B

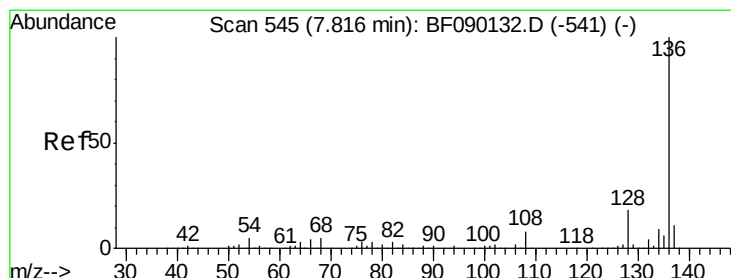
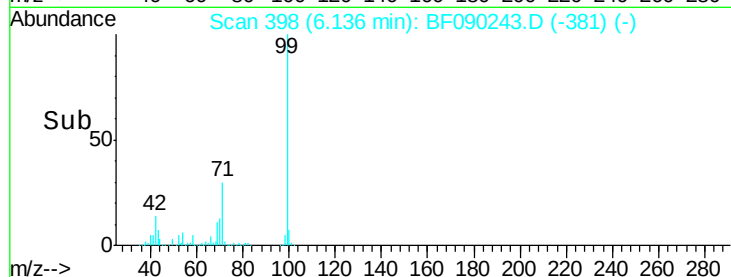
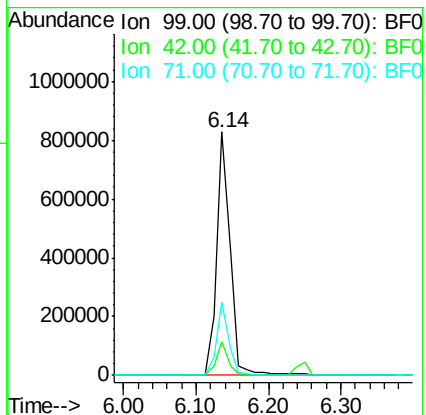
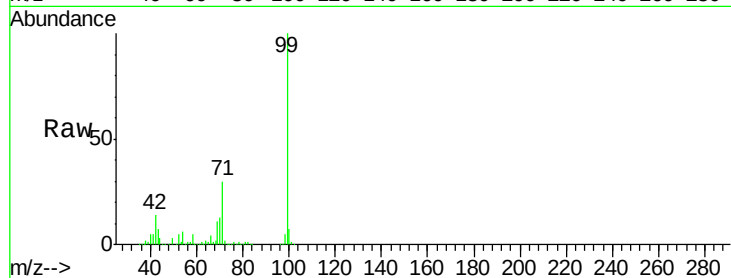
Tot Ion: 99 Resp: 1064831

Ion Ratio Lower Upper

99 100

42 13.7 10.6 15.8

71 30.4 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: BF090243.D

Acq: 27 Sep 2016 3:02

Tgt Ion: 136 Resp: 540537

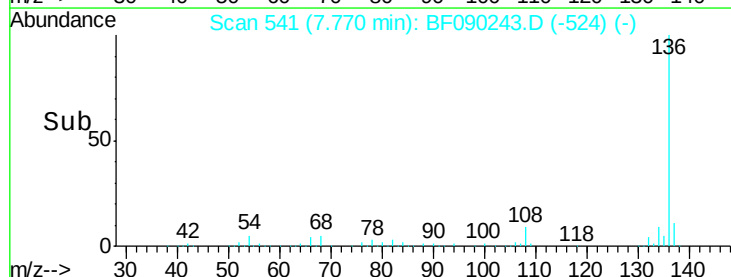
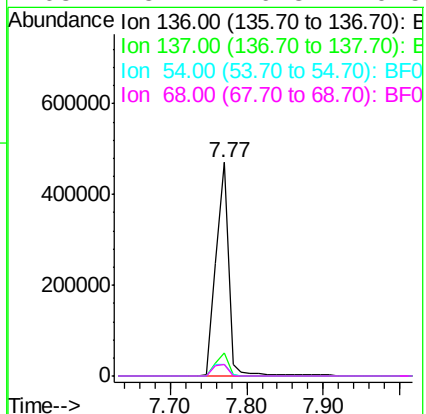
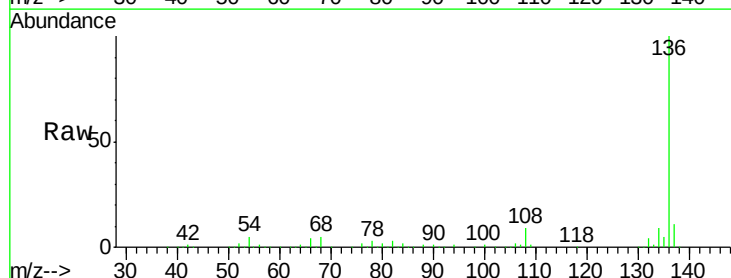
Ion Ratio Lower Upper

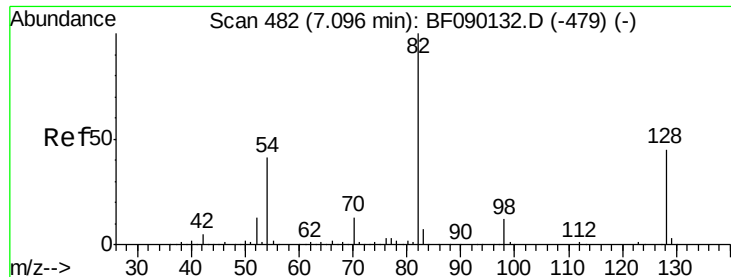
136 100

137 10.7 9.0 13.4

54 5.2 6.4 9.6#

68 5.1 6.3 9.5#

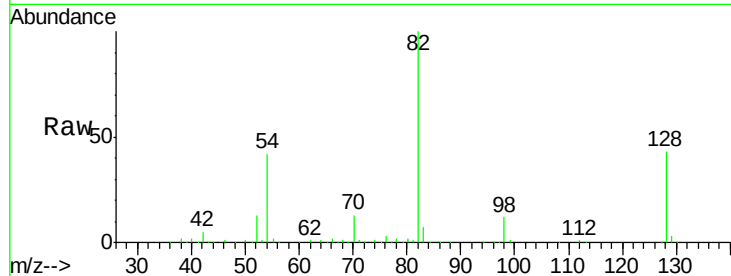




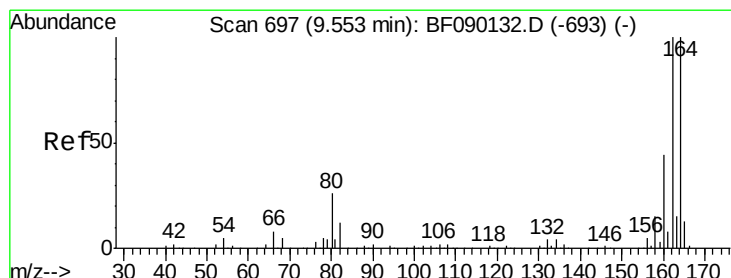
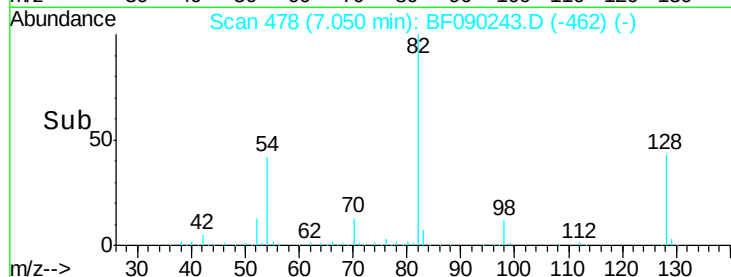
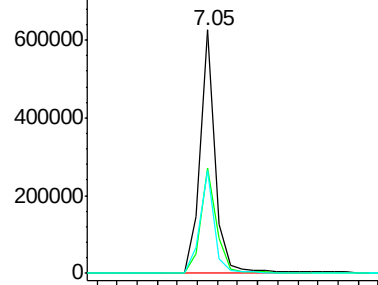
#23
 Nitrobenzene-d5
 Concen: 71.03 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090243.D
 Acq: 27 Sep 2016 3:02

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-20B

Tot Ion	82	Resp	662339
Ion Ratio	100	Lower	Upper
128	43.2	37.5	56.3
54	42.0	31.9	47.9

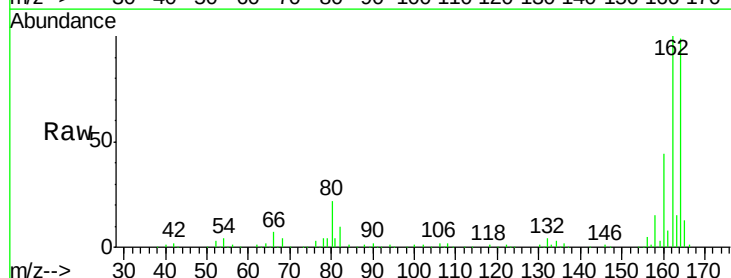


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

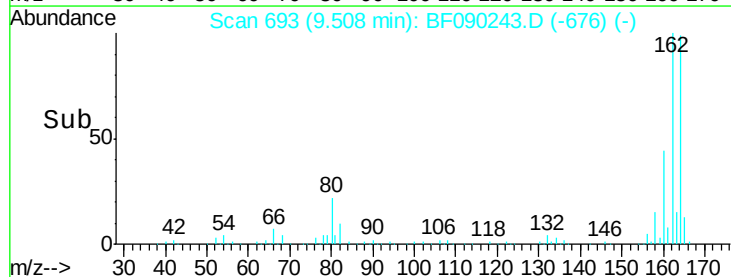
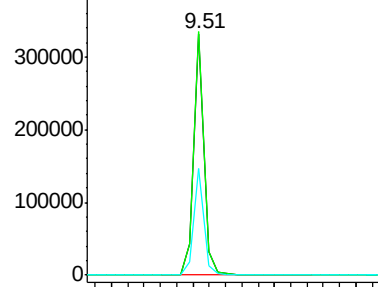


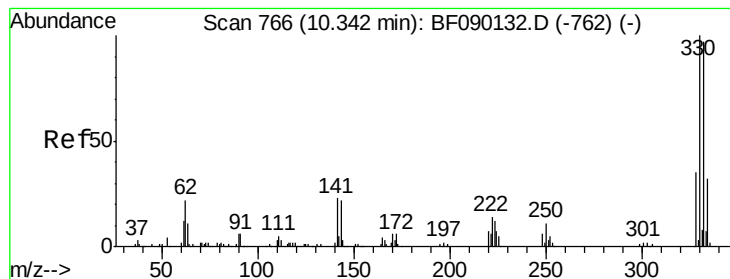
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF090243.D
 Acq: 27 Sep 2016 3:02

Tgt Ion	164	Resp	286585
Ion Ratio	100	Lower	Upper
162	100.8	81.4	122.2
160	44.1	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

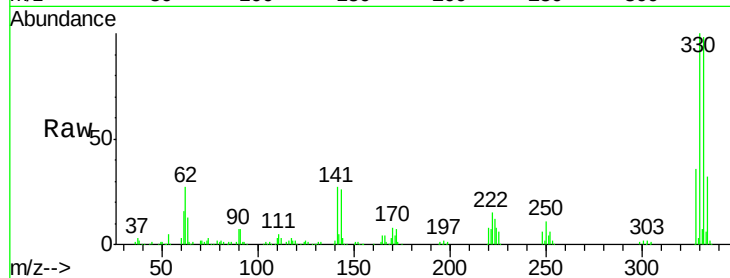




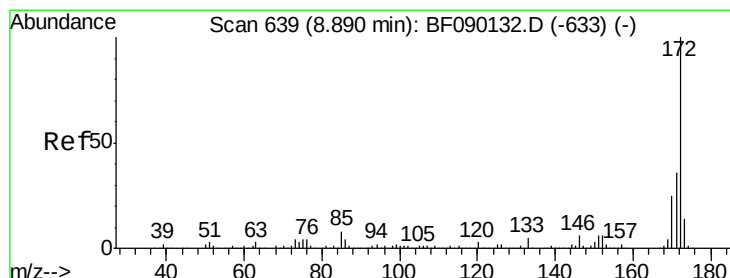
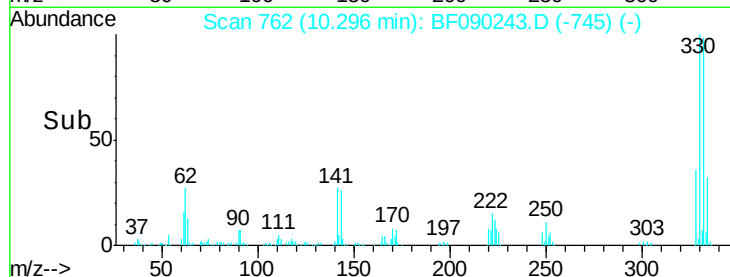
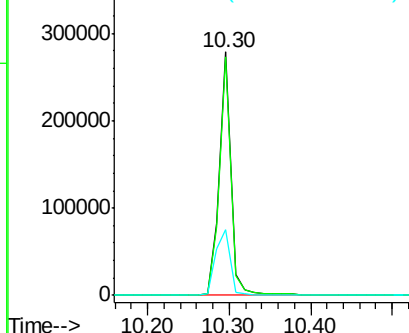
#41
 2,4,6-Tribromophenol
 Concen: 113.71 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090243.D
 Acq: 27 Sep 2016 3:02

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-20B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.1	117.1
141	34.4	23.9	35.9



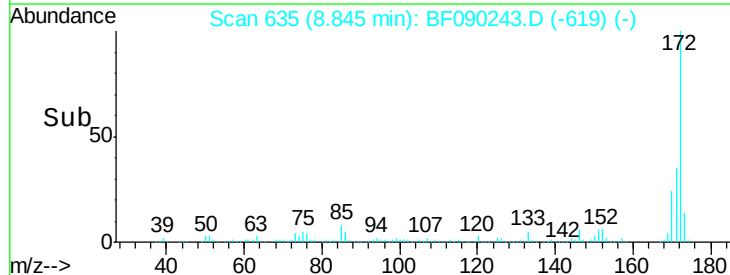
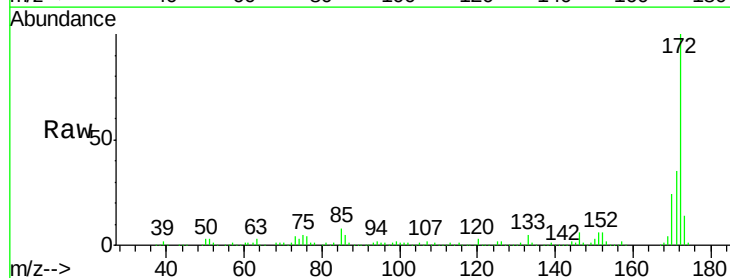
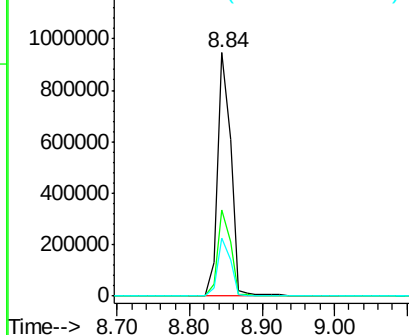
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

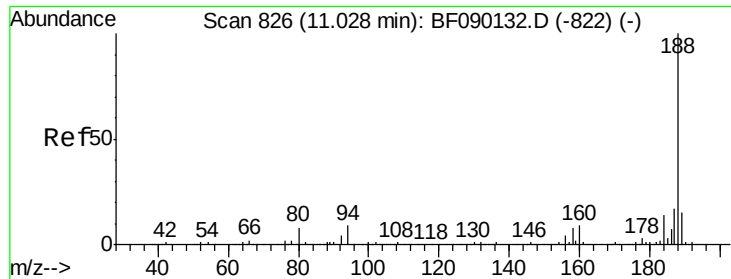


#44
 2-Fluorobiphenyl
 Concen: 82.40 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090243.D
 Acq: 27 Sep 2016 3:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.2	43.8
170	23.9	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

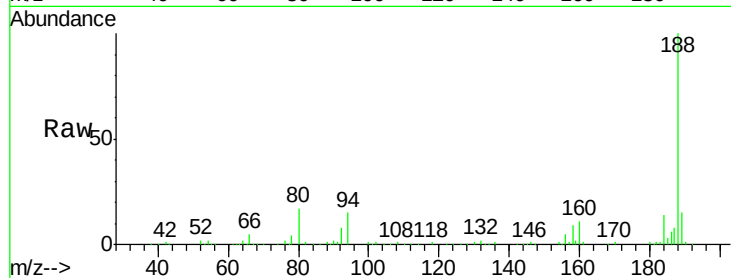




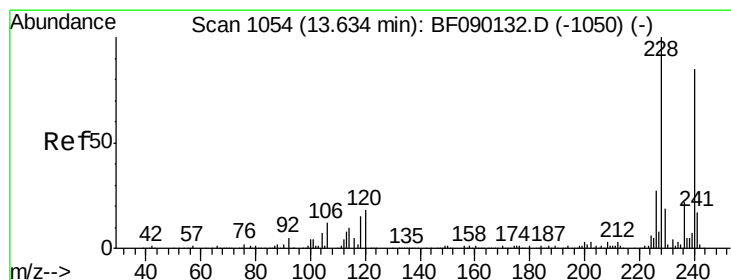
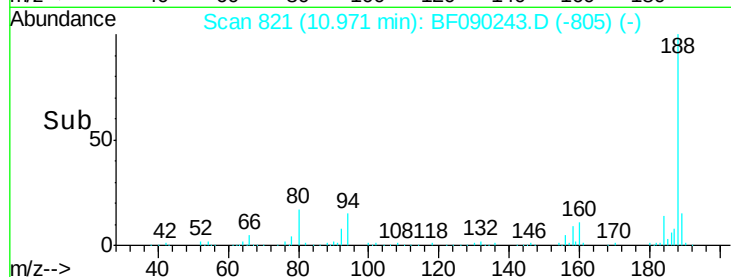
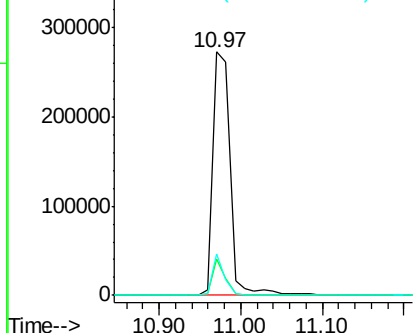
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090243.D
Acq: 27 Sep 2016 3:02

Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-20B

Tot Ion:188 Resp: 402992
Ion Ratio Lower Upper
188 100
94 14.8 10.5 15.7
80 17.1 11.2 16.8#

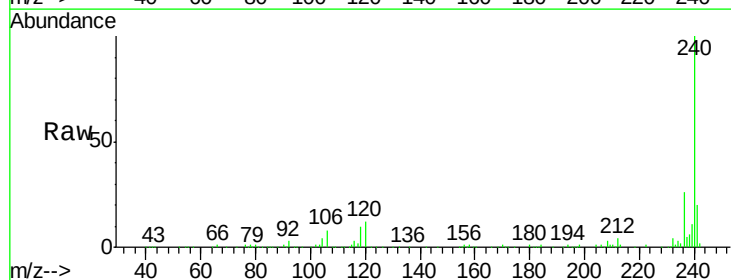


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

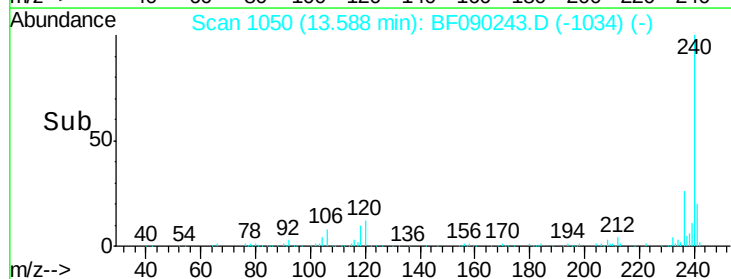
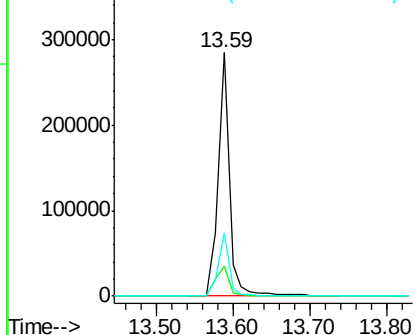


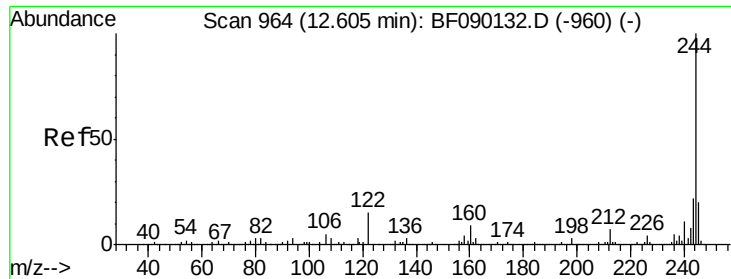
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF090243.D
Acq: 27 Sep 2016 3:02

Tgt Ion:240 Resp: 294646
Ion Ratio Lower Upper
240 100
120 12.0 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

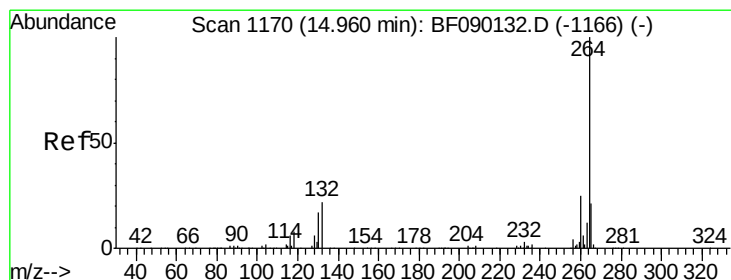
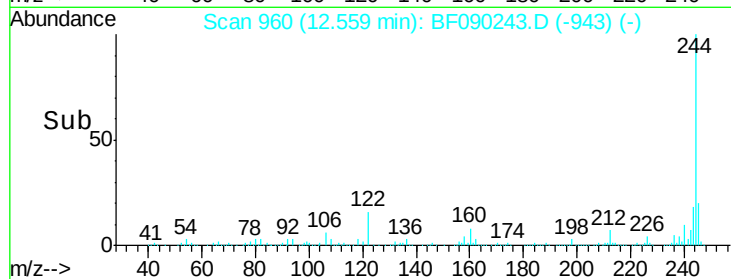
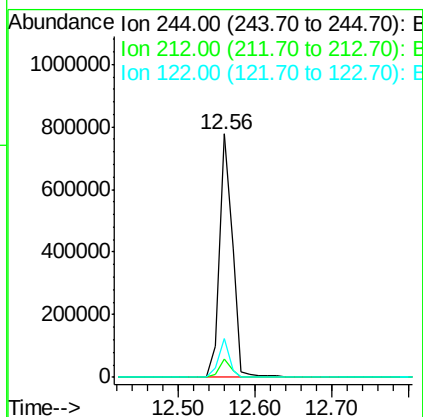
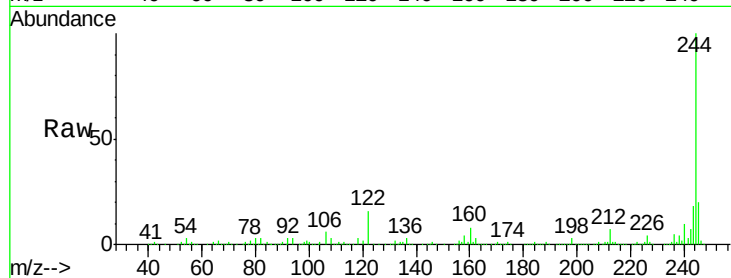




#78
 Terphenyl-d14
 Concen: 79.34 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF090243.D
 Acq: 27 Sep 2016 3:02

Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-20B

Tot Ion:244 Resp: 920745
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 16.1 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF090243.D
 Acq: 27 Sep 2016 3:02

Tgt Ion:264 Resp: 264148
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.7 17.0 25.4

