

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 03:42:21 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

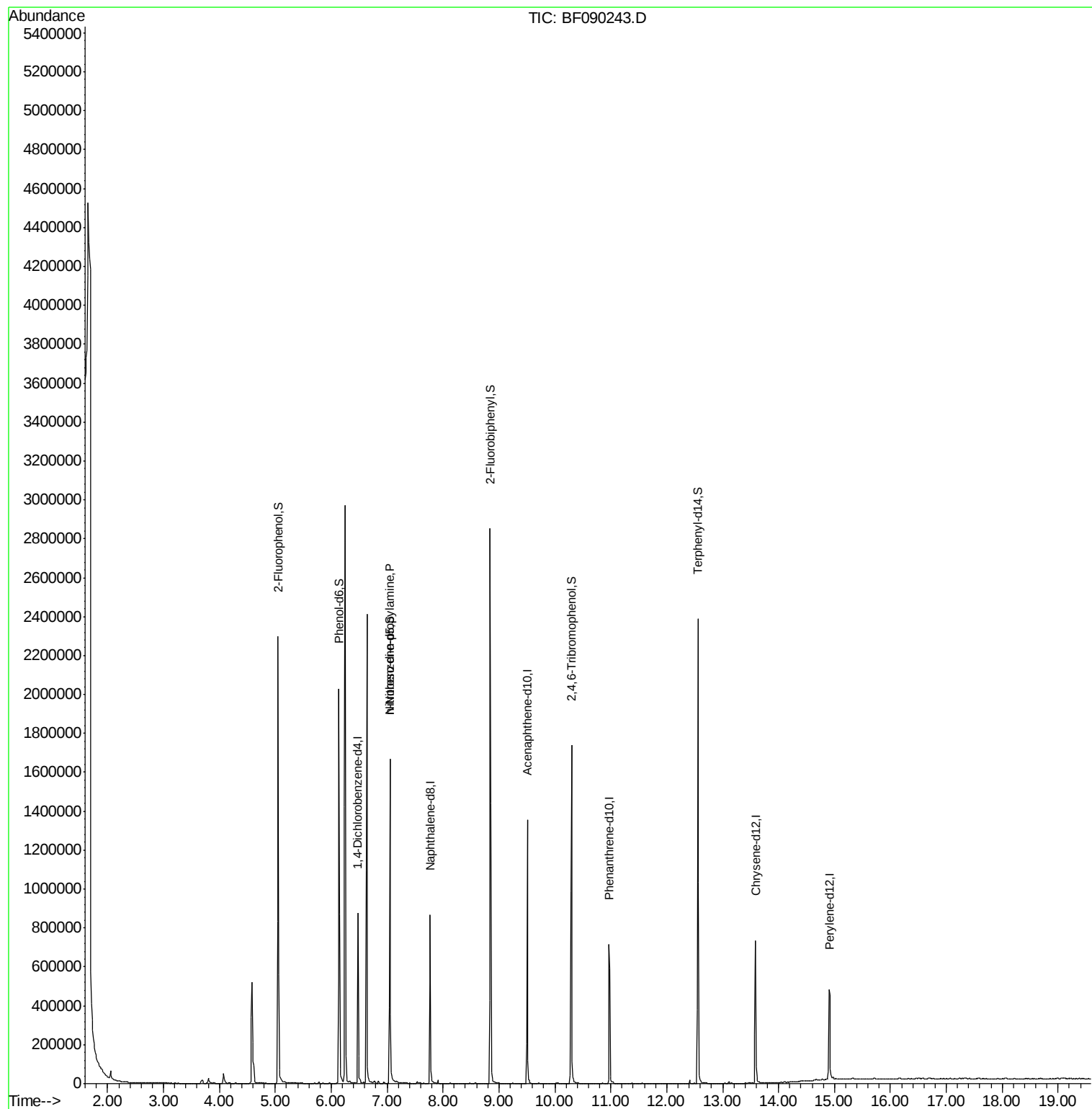
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	139407	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	540537	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	286585	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	402992	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	294646	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						
19) n-Nitroso-di-n-propylamine	7.05	70	76704	12.36	ng	Qvalue # 80

(#) = 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

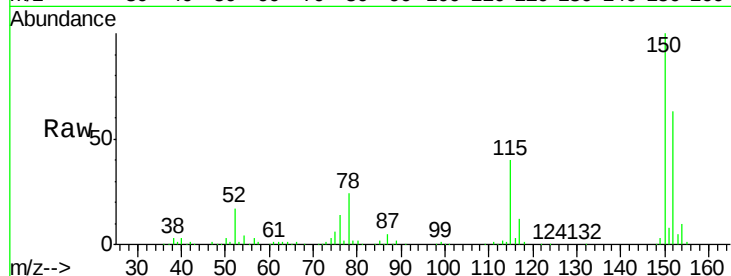
Tgt Ion:152 Resp: 139407

Ion Ratio Lower Upper

152 100

150 157.6 128.9 193.3

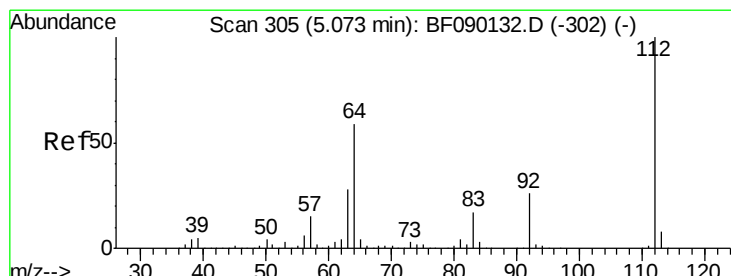
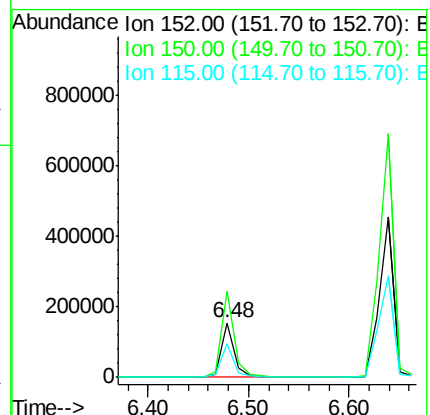
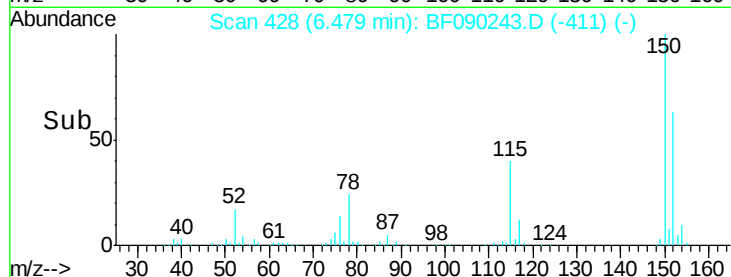
115 62.8 55.5 83.3



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

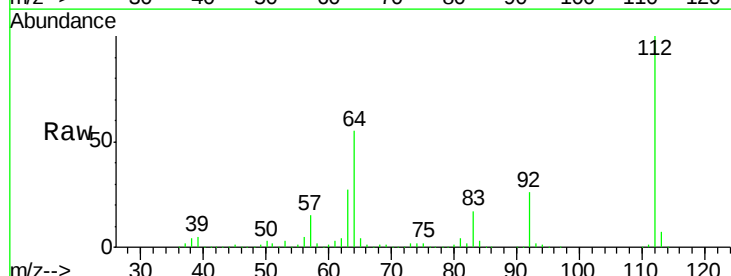
Tgt Ion:112 Resp: 862179

Ion Ratio Lower Upper

112 100

64 55.4 39.8 59.6

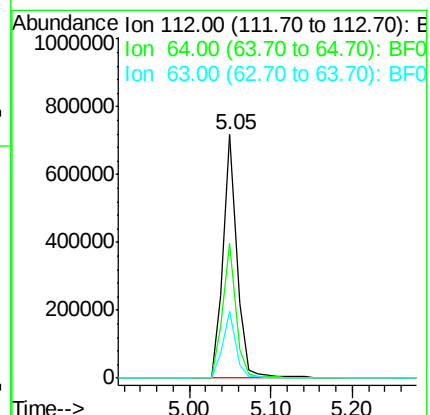
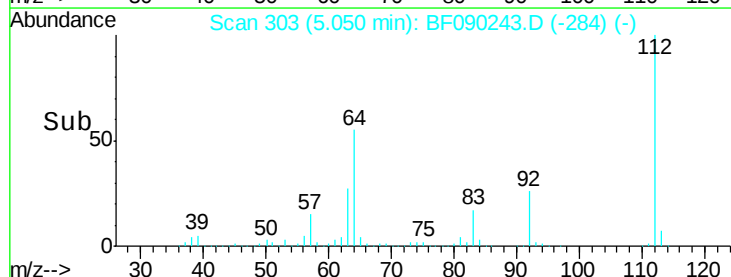
63 27.3 18.9 28.3



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

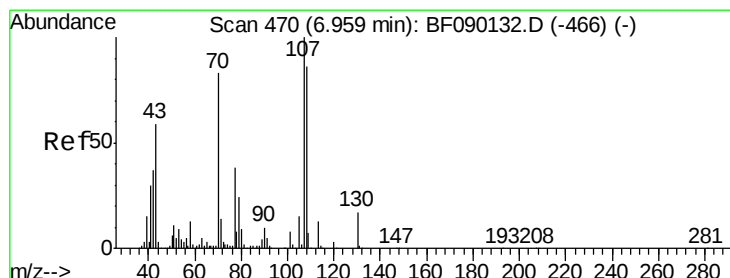
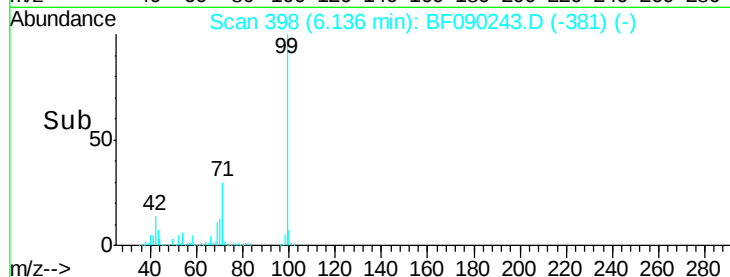
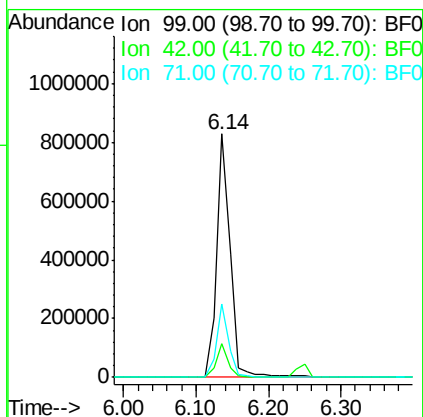
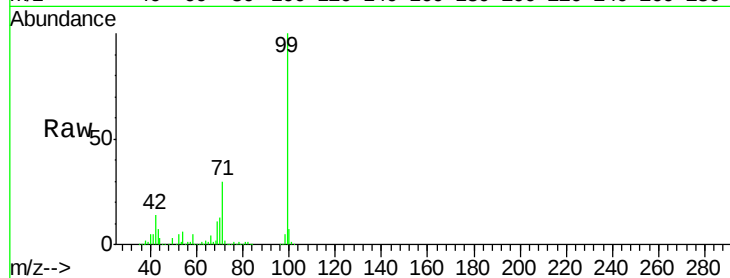
Tgt Ion: 99 Resp: 1064831

Ion Ratio Lower Upper

99 100

42 13.7 10.6 15.8

71 30.4 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.36 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF090243.D

Acq: 27 Sep 2016 3:02

Tgt Ion: 70 Resp: 76704

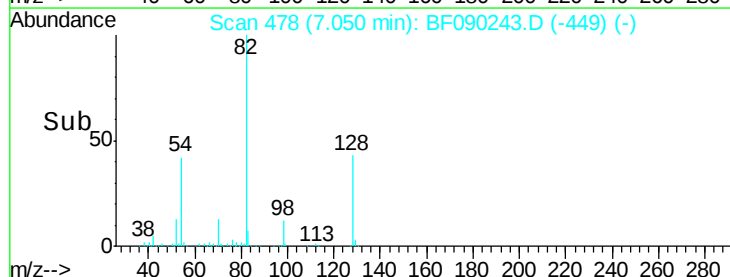
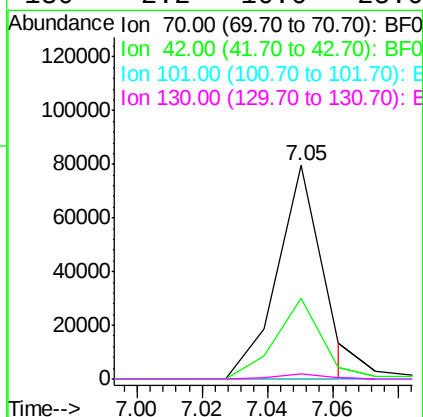
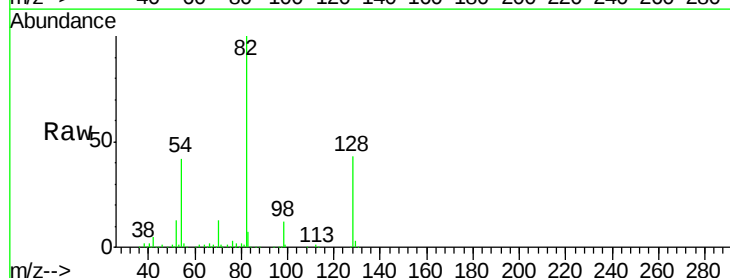
Ion Ratio Lower Upper

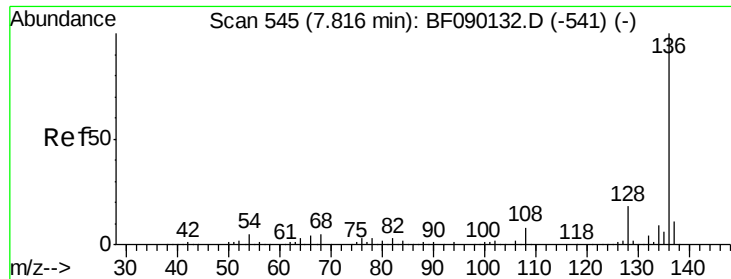
70 100

42 37.5 35.1 52.7

101 0.0 7.5 11.3#

130 2.2 16.6 25.0#

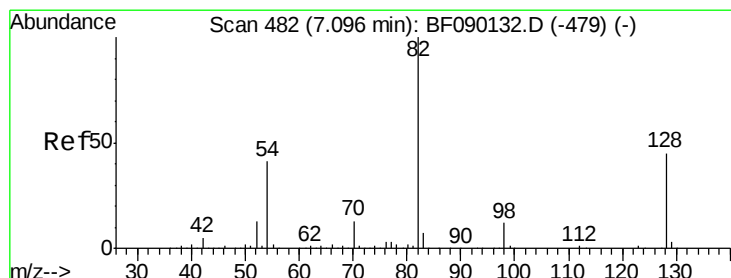
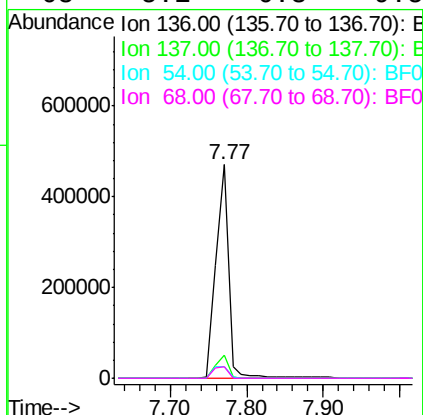
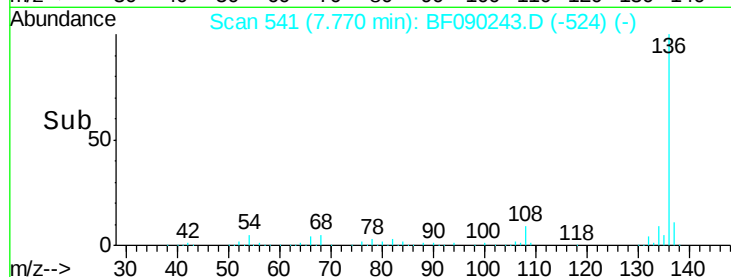
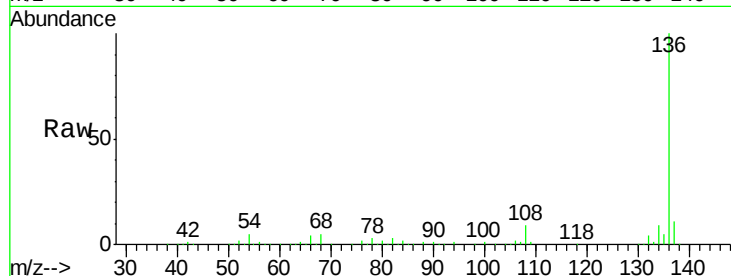




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF090243.D
Acq: 27 Sep 2016 3:02

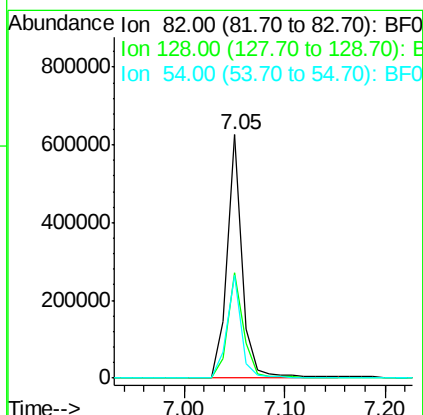
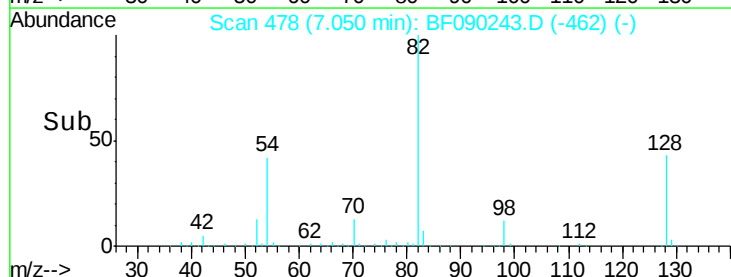
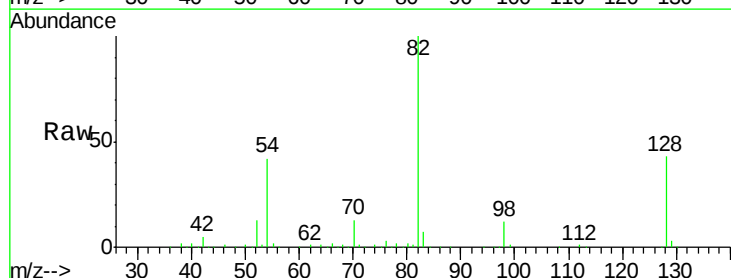
Instrument :
BNA_F
ClientSampleId :
TRACK-D-GRID-20B

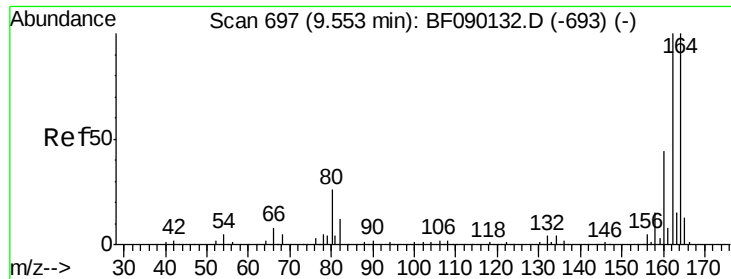
Tgt Ion:	136	Resp:	540537
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.2	6.4	9.6#
68	5.1	6.3	9.5#



#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

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





#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

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-20B

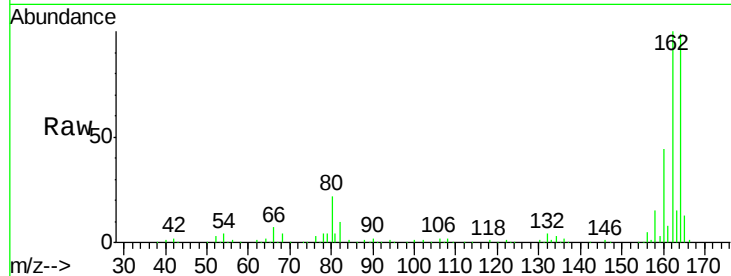
Tgt Ion:164 Resp: 286585

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.2

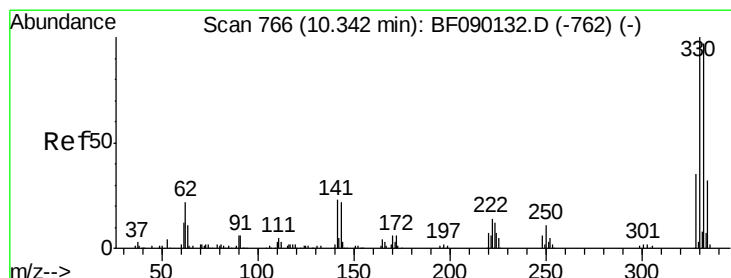
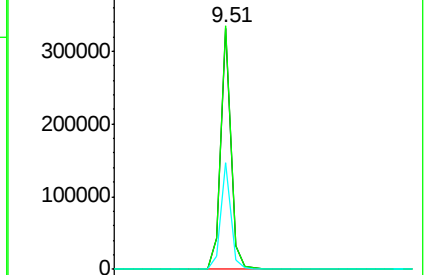
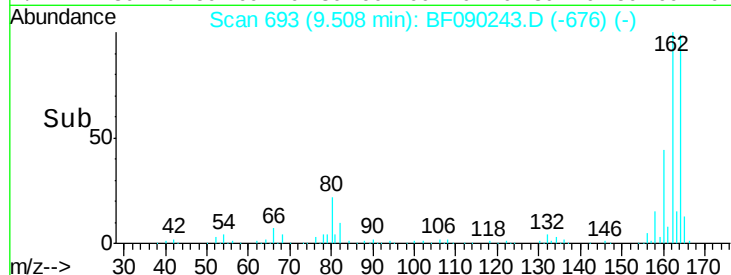
160 44.1 36.6 54.8



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: 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

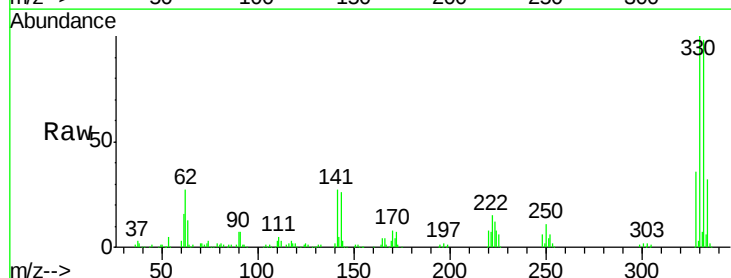
Tgt Ion:330 Resp: 279567

Ion Ratio Lower Upper

330 100

332 96.9 78.1 117.1

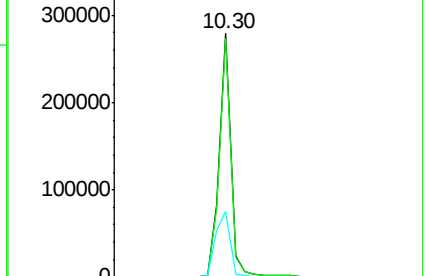
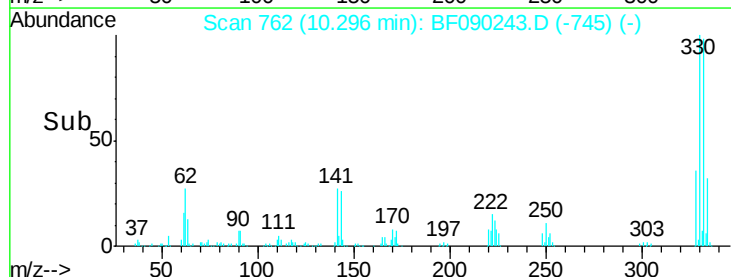
141 34.4 23.9 35.9



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

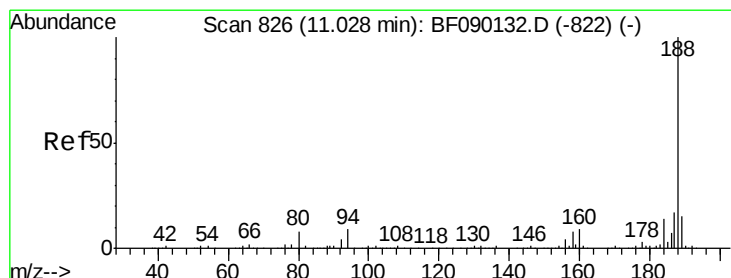
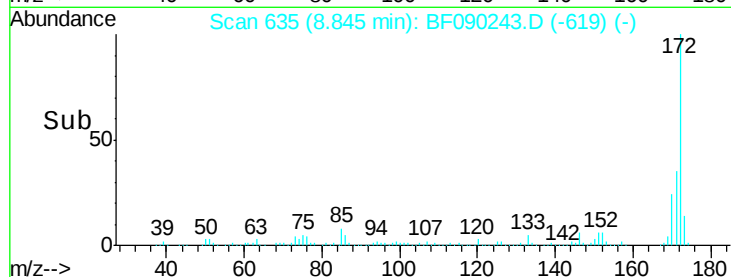
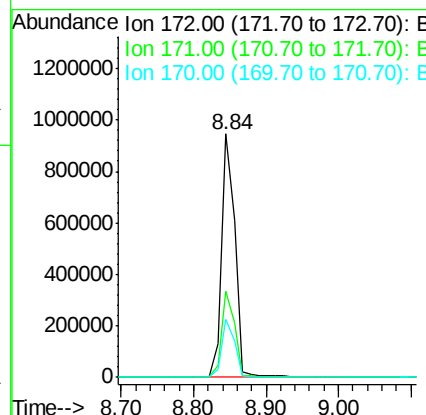
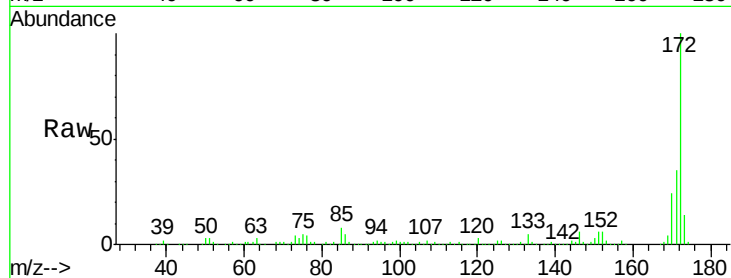




#44
 2-Fluorobiphenyl
 Concen: 82.40 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090243.D
 Acq: 27 Sep 2016 3:02

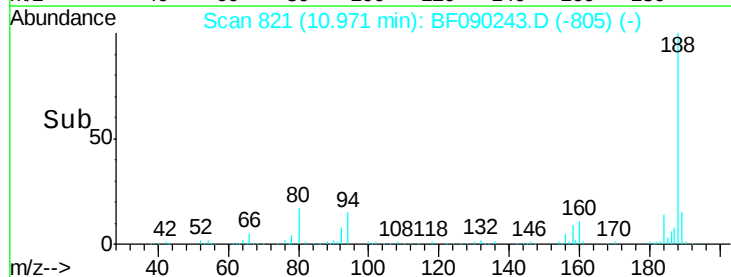
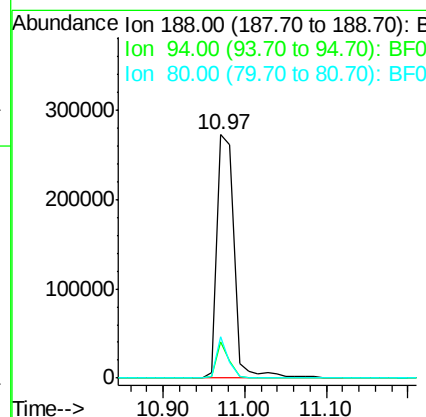
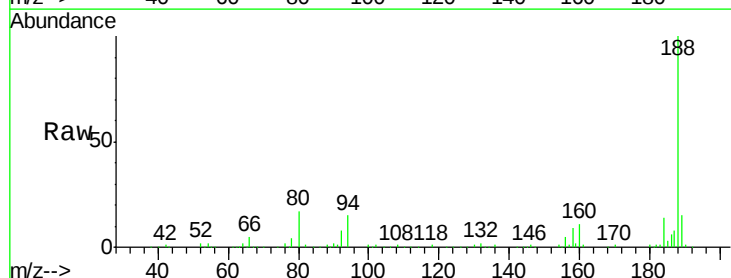
Instrument :
 BNA_F
 ClientSampleId :
 TRACK-D-GRID-20B

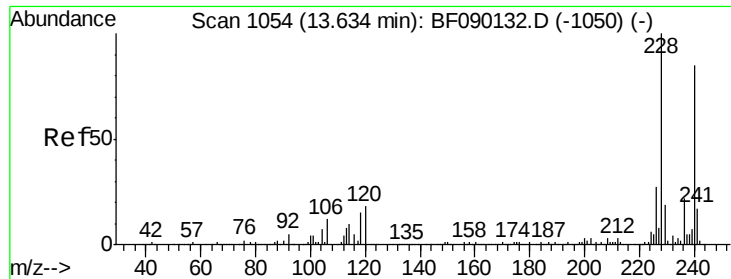
Tgt Ion:172 Resp: 1202838
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.2 43.8
 170 23.9 19.8 29.8



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

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





#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

Instrument :

BNA_F

ClientSampleId :

TRACK-D-GRID-20B

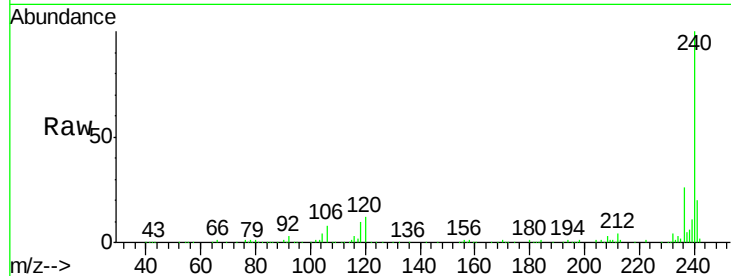
Tgt Ion:240 Resp: 294646

Ion Ratio Lower Upper

240 100

120 12.0 10.6 16.0

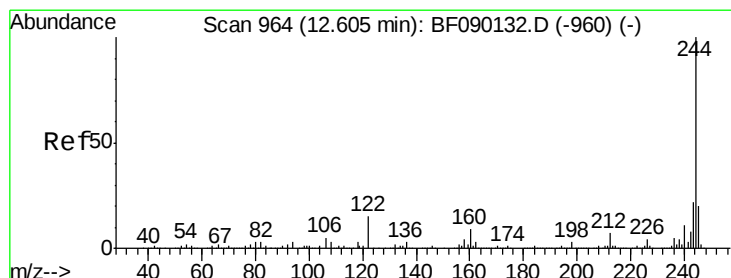
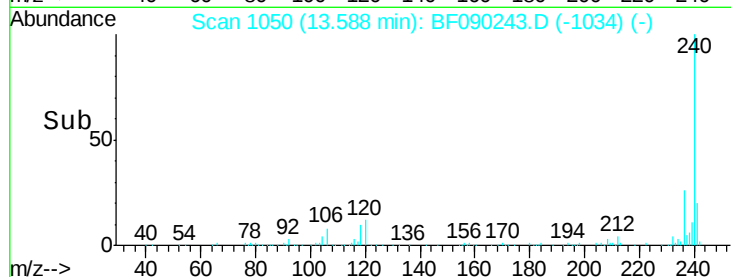
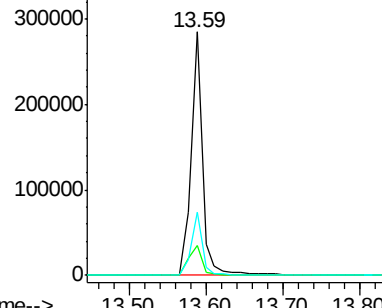
236 26.0 21.6 32.4



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

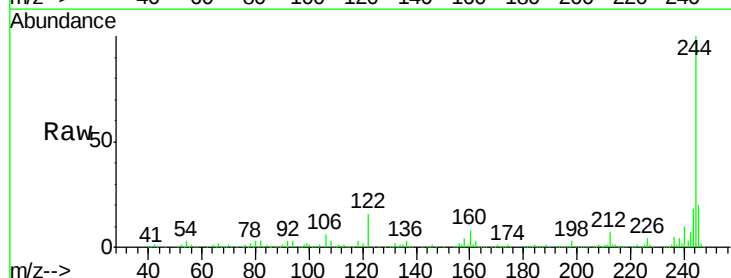
Tgt Ion:244 Resp: 920745

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

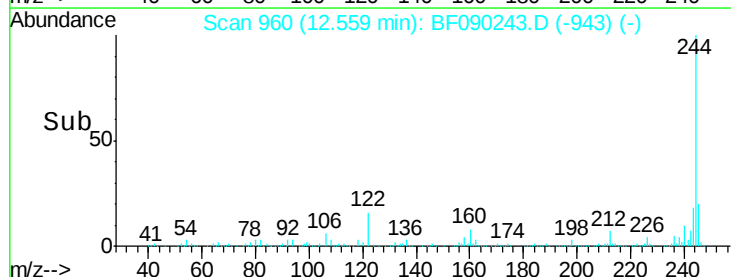
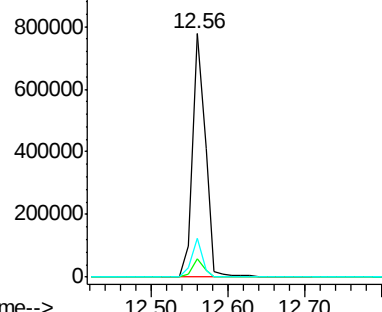
122 16.1 9.4 14.0#

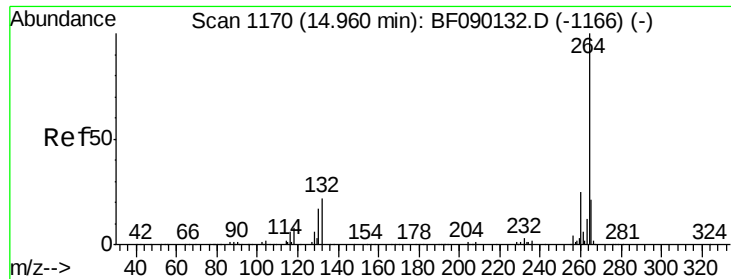


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.91 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF090243.D
Acq: 27 Sep 2016 3:02

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

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

