

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
 Data File : BF090689.D
 Acq On : 20 Oct 2016 18:26
 Operator : UM/SJ
 Sample : H5343-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0

Quant Time: Oct 21 09:22:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

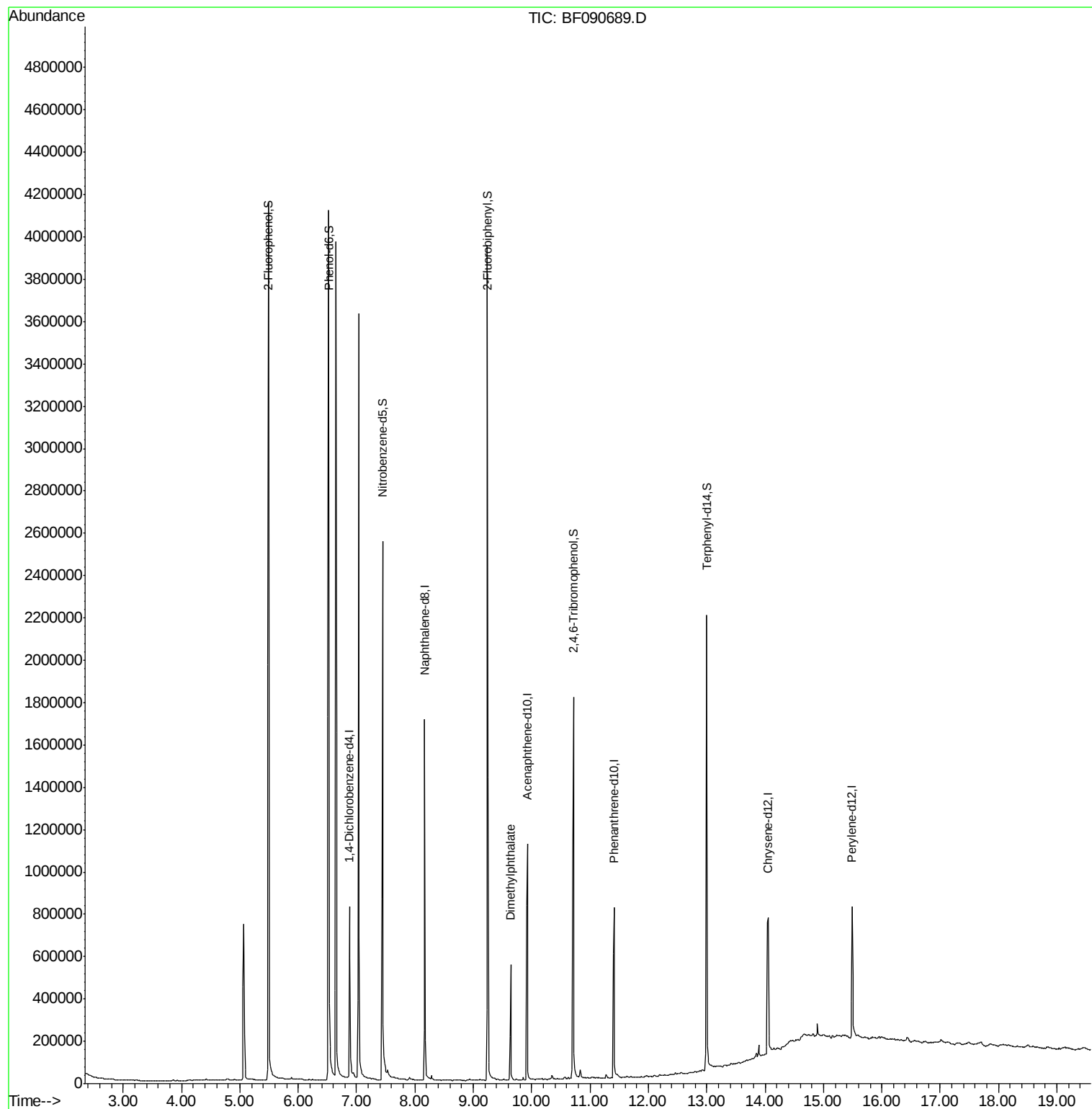
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	166020	20.00	ng	-0.03
21) Naphthalene-d8	8.17	136	728596	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	308727	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	396382	20.00	ng	-0.03
75) Chrysene-d12	14.05	240	335399	20.00	ng	-0.03
86) Perylene-d12	15.49	264	272062	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1271609	140.42	ng	-0.02
7) Phenol-d6	6.52	99	1632926	121.35	ng	-0.02
23) Nitrobenzene-d5	7.45	82	1018704	77.67	ng	-0.03
41) 2,4,6-Tribromophenol	10.71	330	253530	92.11	ng	-0.03
44) 2-Fluorobiphenyl	9.24	172	1312721	70.06	ng	-0.03
78) Terphenyl-d14	13.00	244	975260	67.70	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	9.64	163	237071	11.84	ng	98

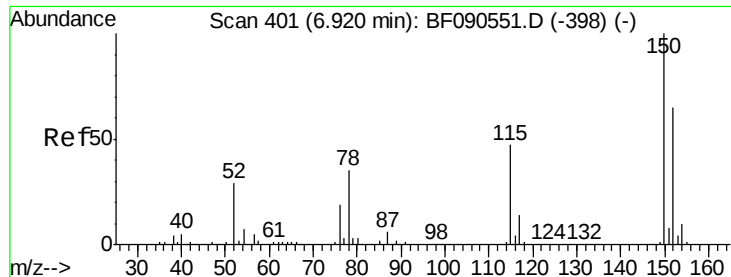
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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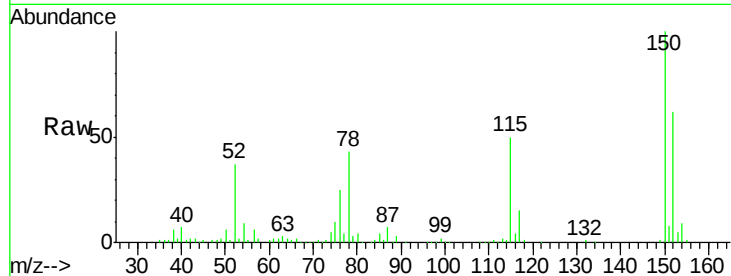


#1

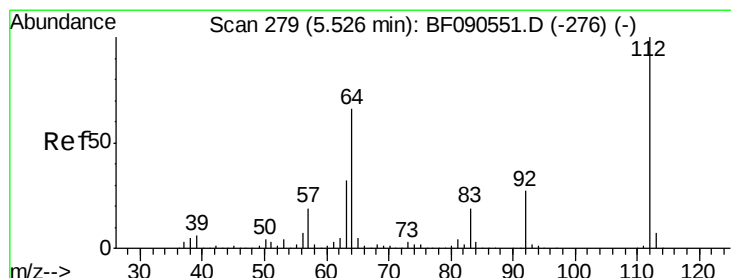
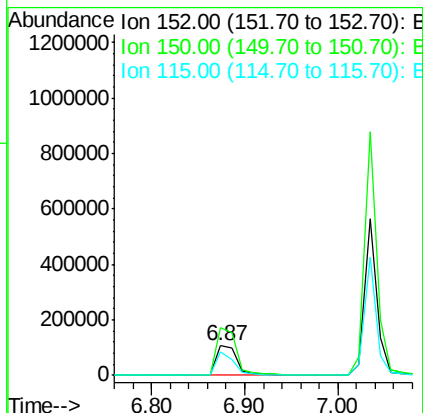
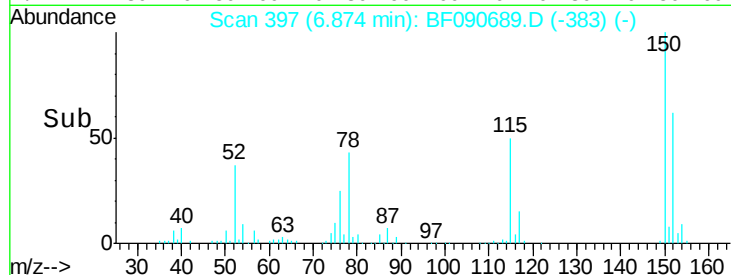
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 397
Delta R.T. -0.03 min
Lab File: BF090689.D
Acq: 20 Oct 2016 18:26

Instrument :
BNA_F
ClientSampleId :
RMAB-SB01-13.5-14.0

Tot Ion:152 Resp: 166020
Ion Ratio Lower Upper
152 100
150 162.4 127.2 190.8
115 81.6 58.6 88.0



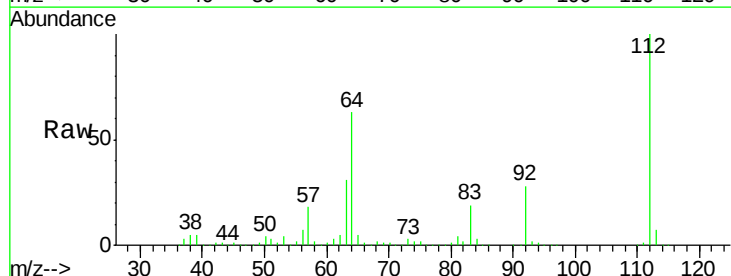
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



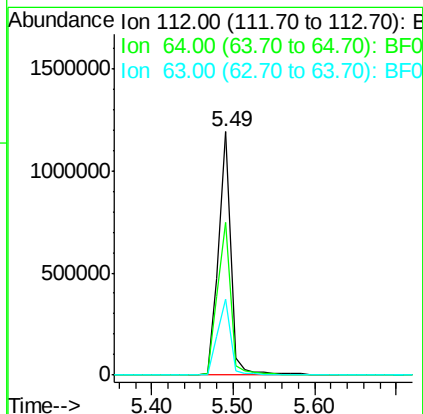
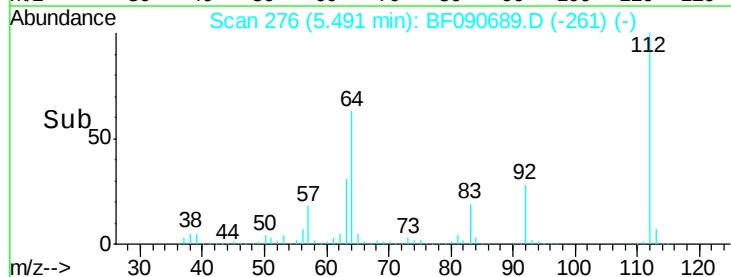
#5

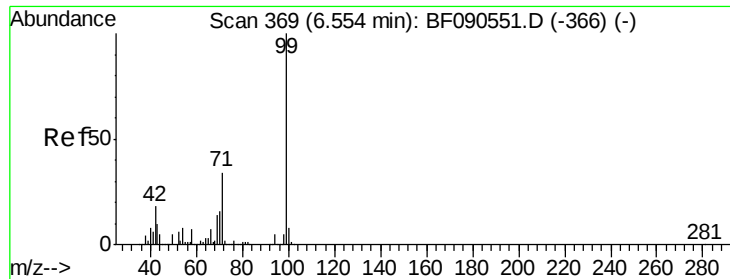
2-Fluorophenol
Concen: 140.42 ng
RT: 5.49 min Scan# 276
Delta R.T. -0.02 min
Lab File: BF090689.D
Acq: 20 Oct 2016 18:26

Tgt Ion:112 Resp: 1271609
Ion Ratio Lower Upper
112 100
64 62.9 52.6 78.8
63 31.1 26.0 39.0



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: 121.35 ng

RT: 6.52 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0

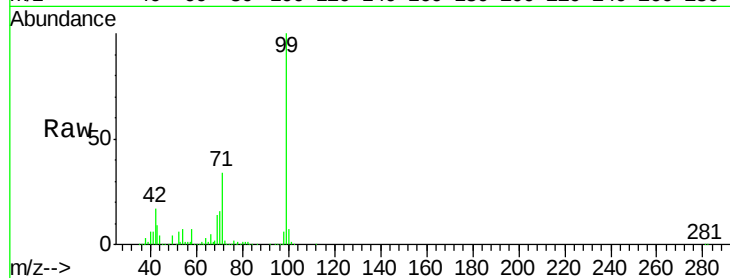
Tot Ion: 99 Resp: 1632926

Ion Ratio Lower Upper

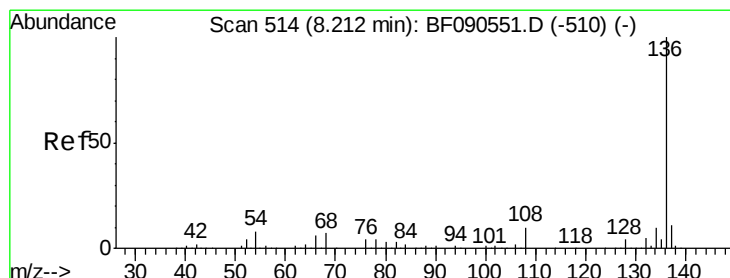
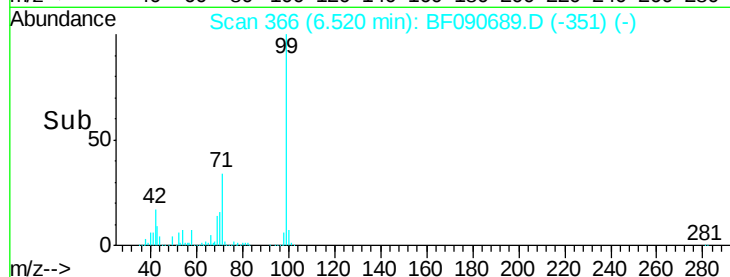
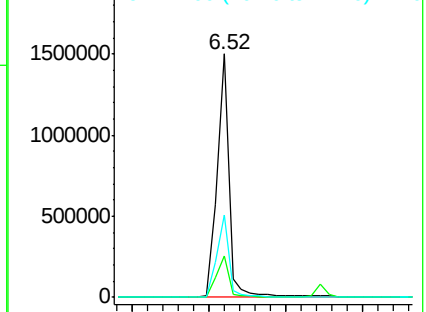
99 100

42 16.7 14.7 22.1

71 33.6 27.6 41.4



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

RT: 8.17 min Scan# 510

Delta R.T. -0.03 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

Tgt Ion: 136 Resp: 728596

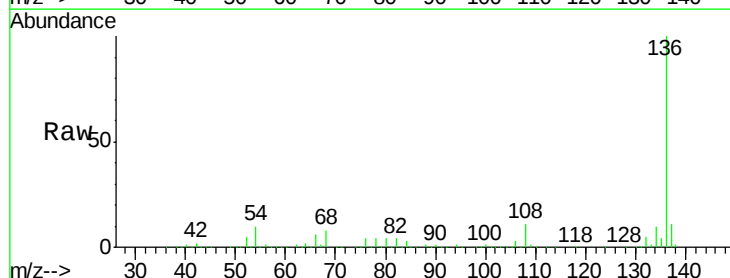
Ion Ratio Lower Upper

136 100

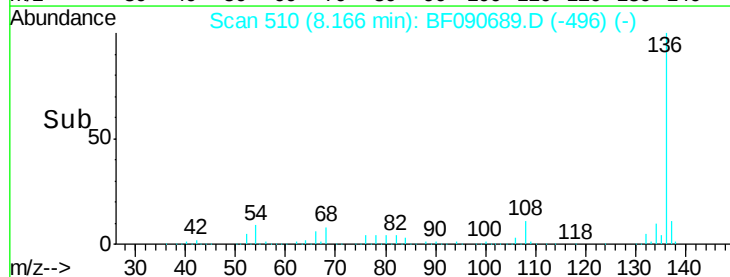
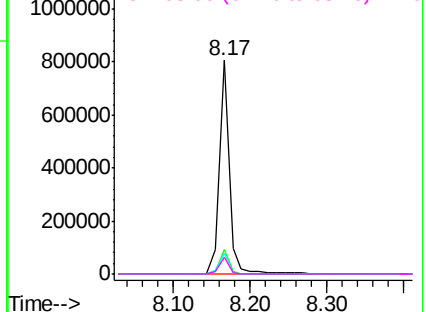
137 11.4 8.8 13.2

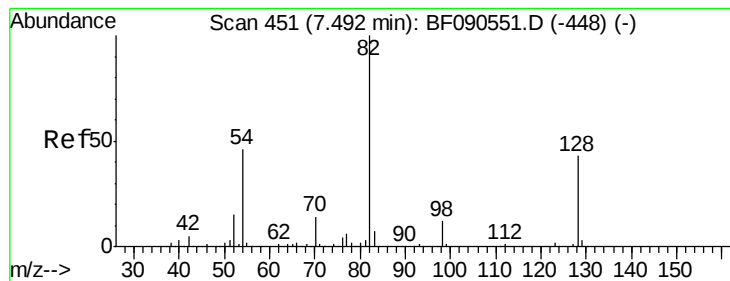
54 9.5 6.8 10.2

68 8.1 6.0 9.0



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: 77.67 ng

RT: 7.45 min Scan# 447

Delta R.T. -0.03 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0

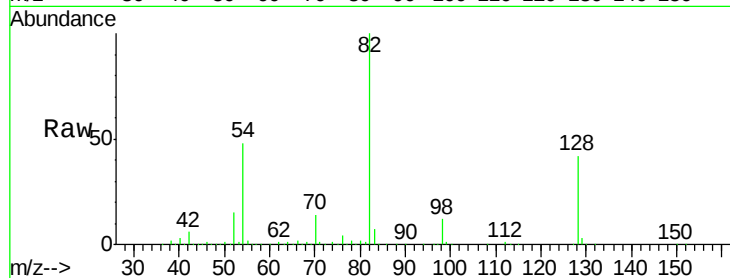
Tot Ion: 82 Resp: 1018704

Ion Ratio Lower Upper

82 100

128 42.2 34.3 51.5

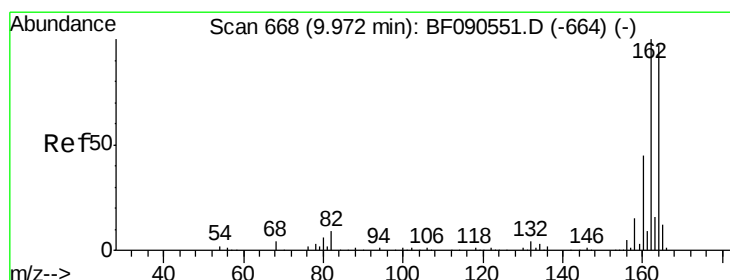
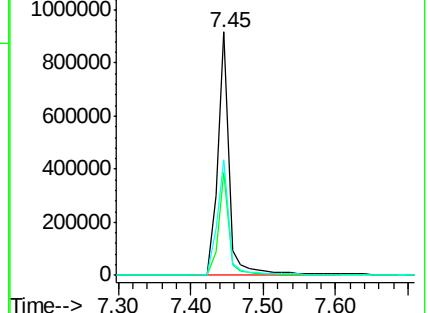
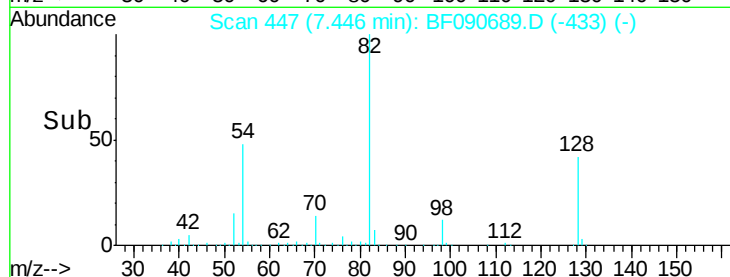
54 47.7 37.0 55.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

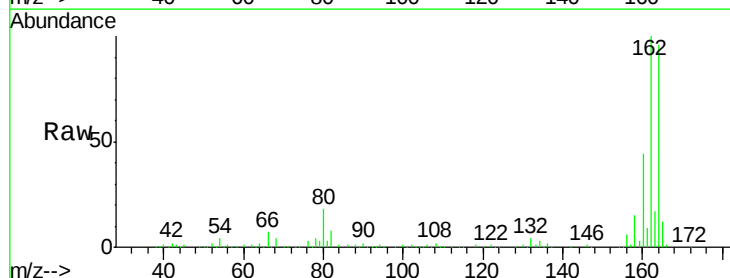
Tgt Ion: 164 Resp: 308727

Ion Ratio Lower Upper

164 100

162 104.2 82.2 123.4

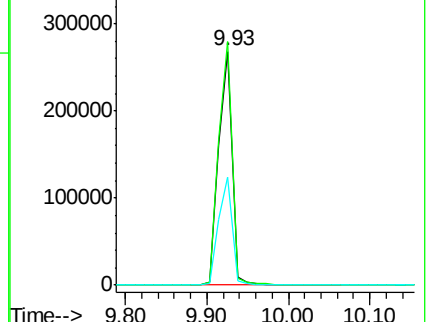
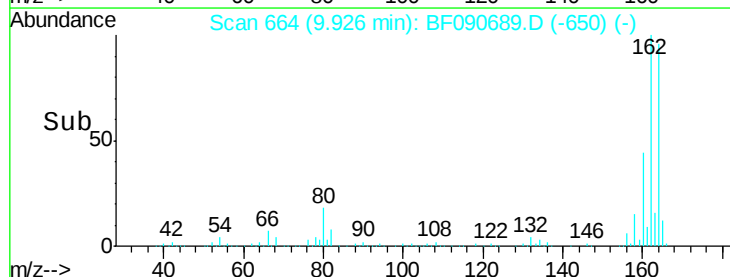
160 46.3 36.6 55.0

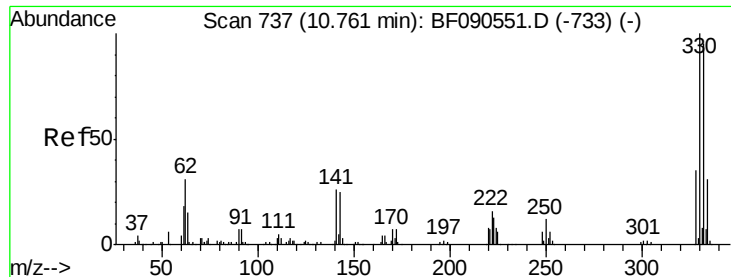


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

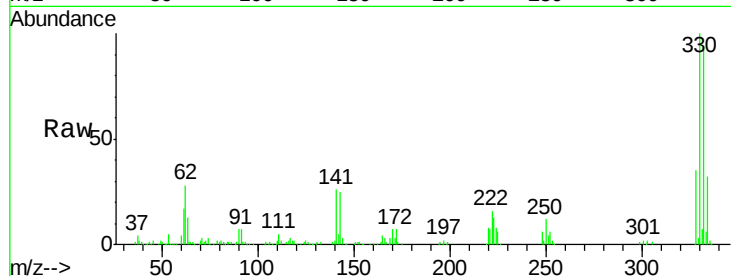




#41
 2,4,6-Tribromophenol
 Concen: 92.11 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.03 min
 Lab File: BF090689.D
 Acq: 20 Oct 2016 18:26

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.2
141	41.5	31.4	47.2

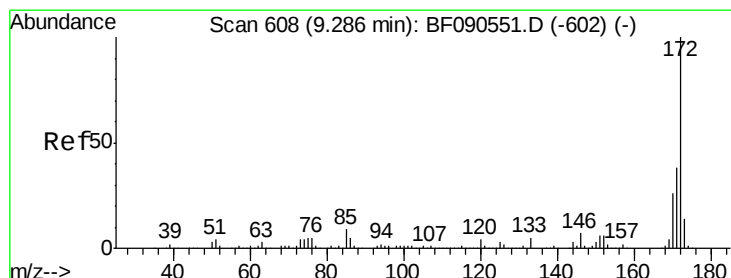
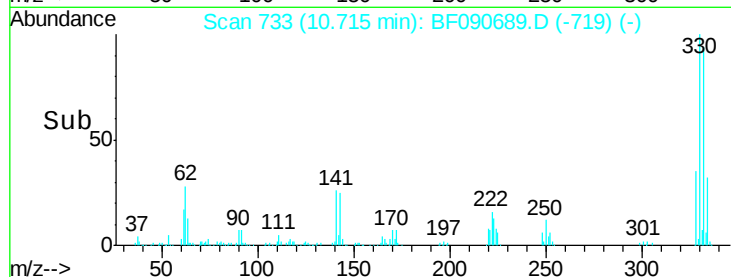
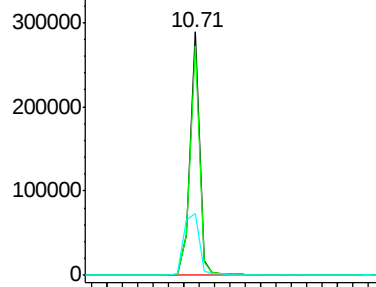


Abundance

Ion 329.80 (329.50 to 330.50): E

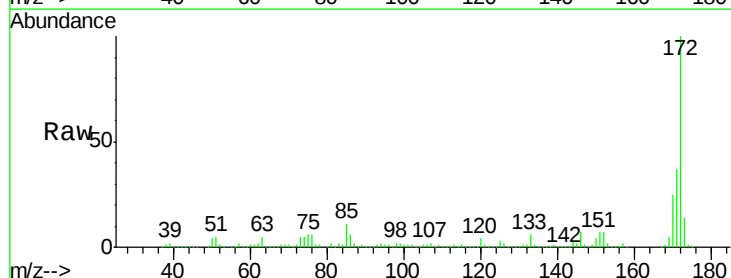
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.06 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.03 min
 Lab File: BF090689.D
 Acq: 20 Oct 2016 18:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.1	45.1
170	25.0	20.6	30.8

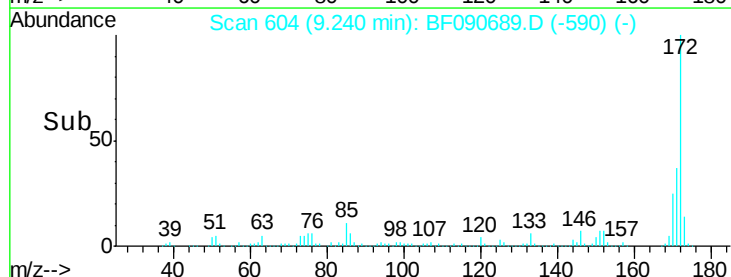
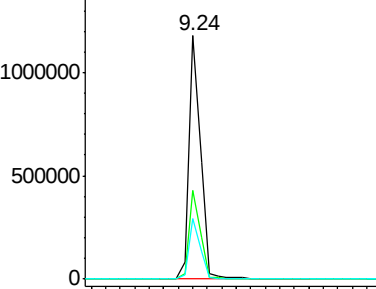


Abundance

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





#49

Dimethylphthalate

Concen: 11.84 ng

RT: 9.64 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0

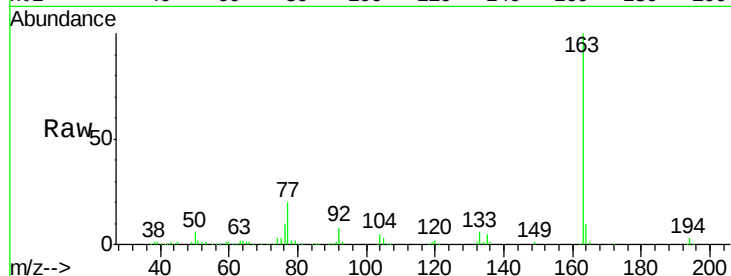
Tot Ion:163 Resp: 237071

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

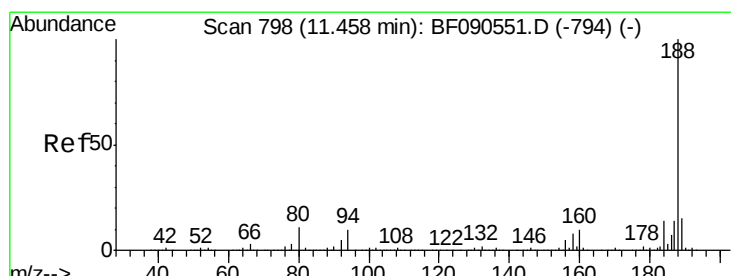
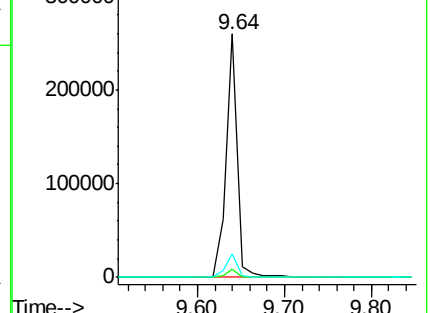
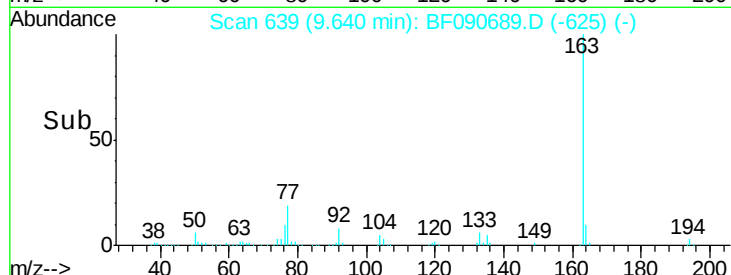
164 9.9 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 794

Delta R.T. -0.03 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

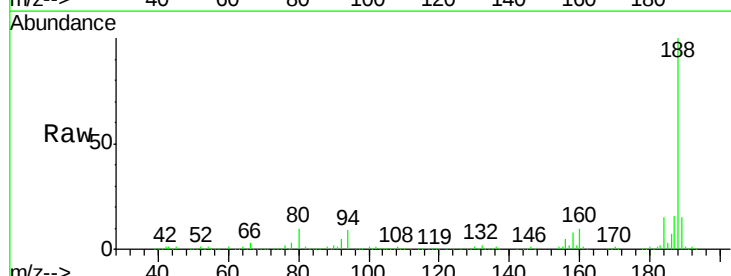
Tgt Ion:188 Resp: 396382

Ion Ratio Lower Upper

188 100

94 8.7 7.7 11.5

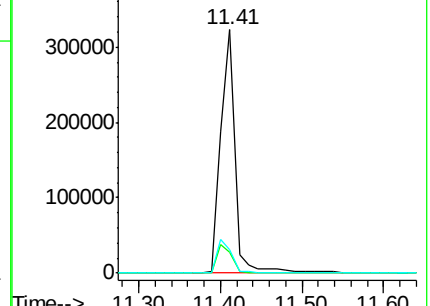
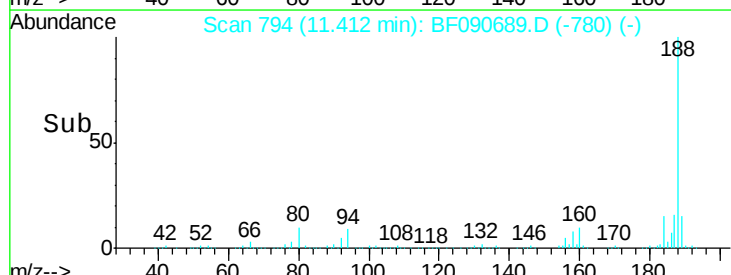
80 9.7 8.6 12.8

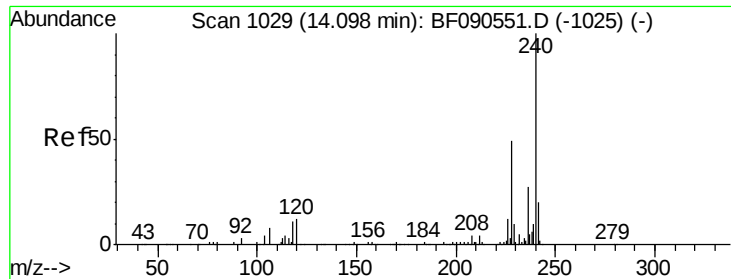


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.05 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

Instrument :

BNA_F

ClientSampleId :

RMAB-SB01-13.5-14.0

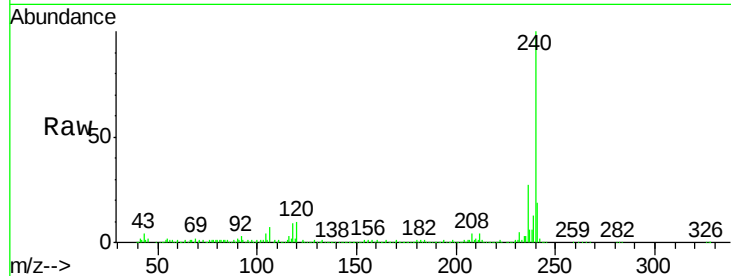
Tot Ion:240 Resp: 335399

Ion Ratio Lower Upper

240 100

120 10.1 9.8 14.8

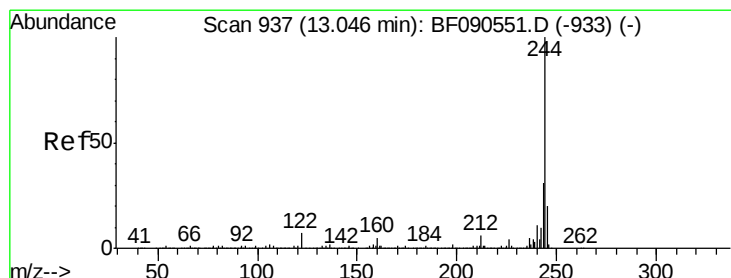
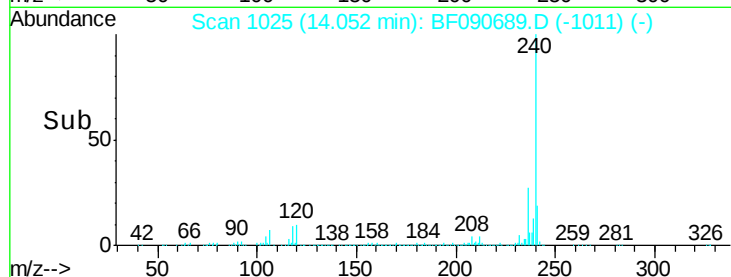
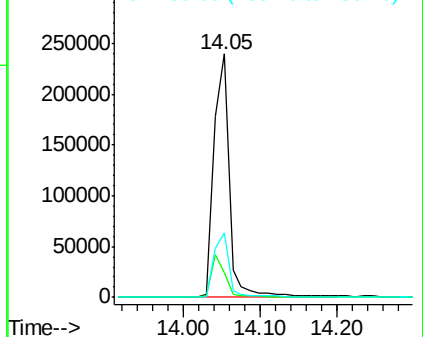
236 26.7 21.7 32.5



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: 67.70 ng

RT: 13.00 min Scan# 933

Delta R.T. -0.03 min

Lab File: BF090689.D

Acq: 20 Oct 2016 18:26

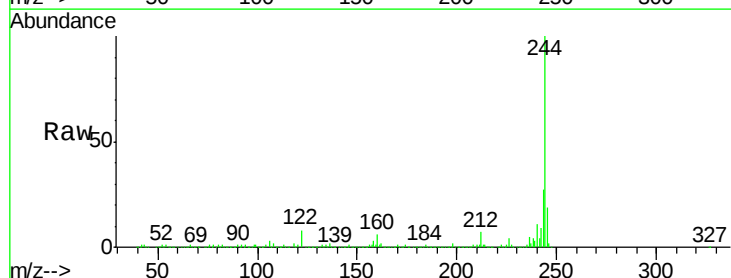
Tgt Ion:244 Resp: 975260

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

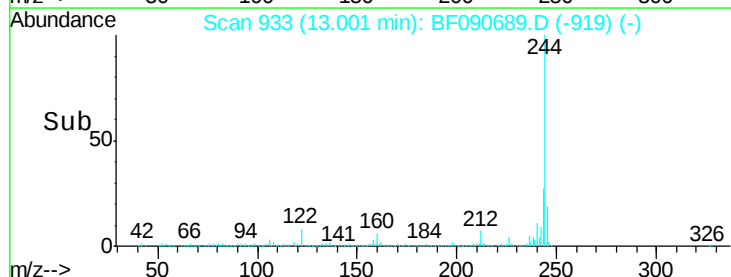
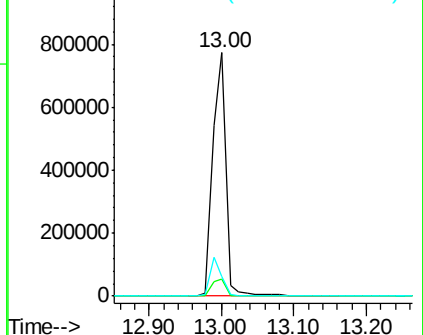
122 7.9 5.6 8.4

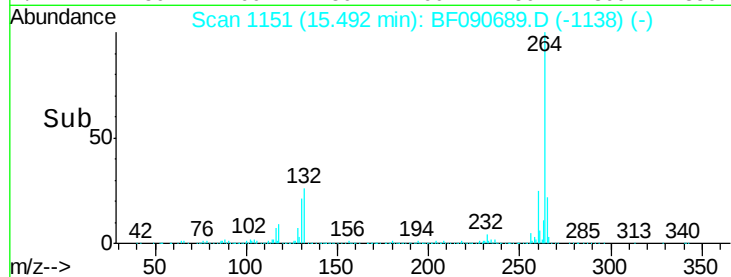
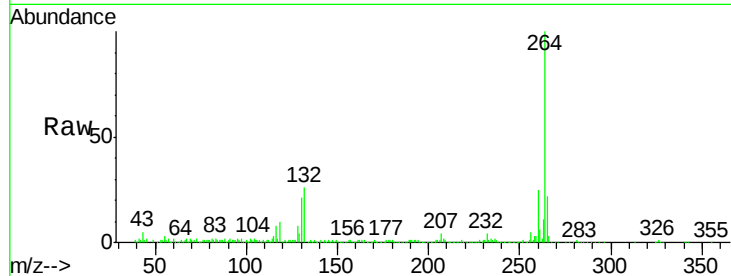
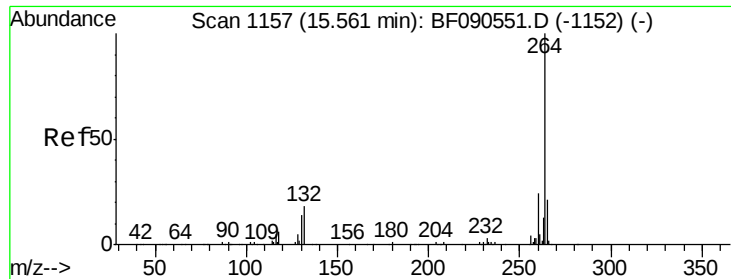


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF090689.D
 Acq: 20 Oct 2016 18:26

Instrument :
 BNA_F
 ClientSampleId :
 RMAB-SB01-13.5-14.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.3	28.9
265	21.9	16.7	25.1

