

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090413.D
 Acq On : 6 Oct 2016 6:39
 Operator : UM/SJ
 Sample : H5061-31
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Oct 06 07:50:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

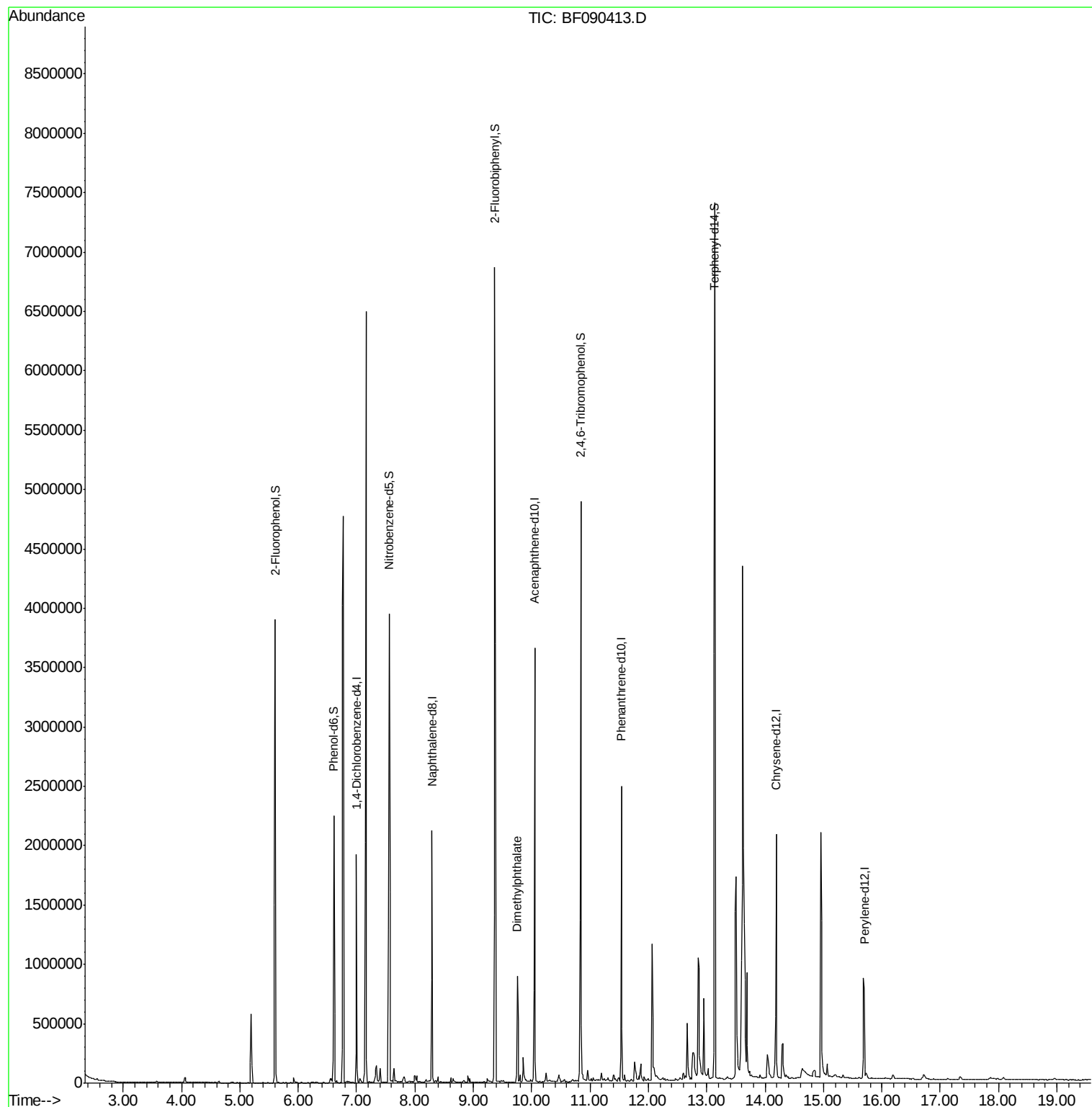
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	243763	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	993397	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	524471	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	770560	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	605989	20.00	ng	-0.01
86) Perylene-d12	15.70	264	418851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1029923	63.06	ng	0.00
7) Phenol-d6	6.61	99	738620	34.53	ng	-0.01
23) Nitrobenzene-d5	7.56	82	1690684	82.79	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	512780	120.24	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2675669	85.00	ng	-0.01
78) Terphenyl-d14	13.14	244	2453755	91.03	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.75	163	425583	12.67	ng	Qvalue # 98

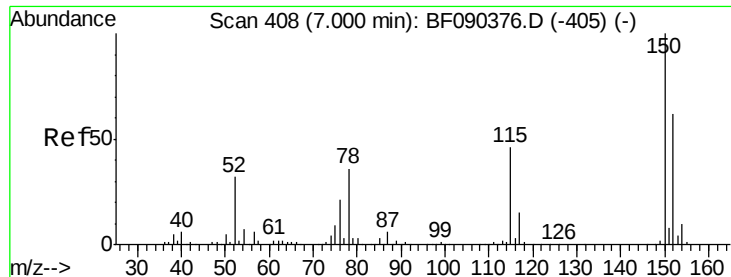
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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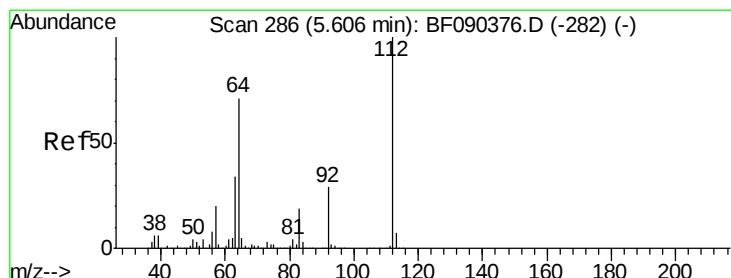
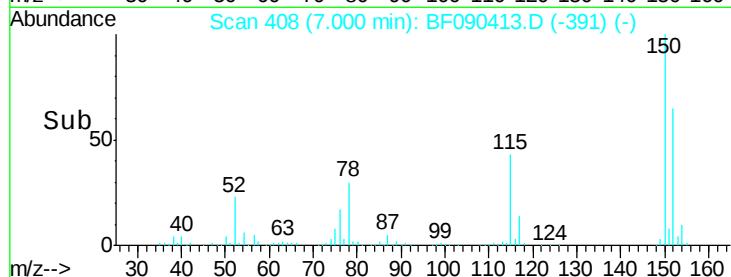
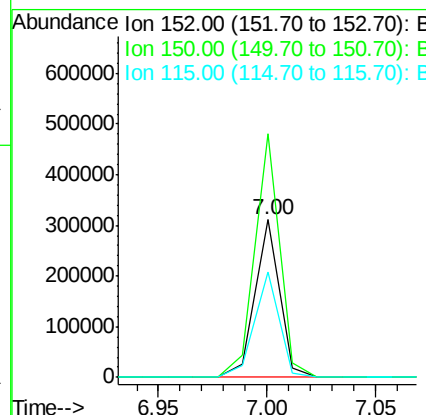
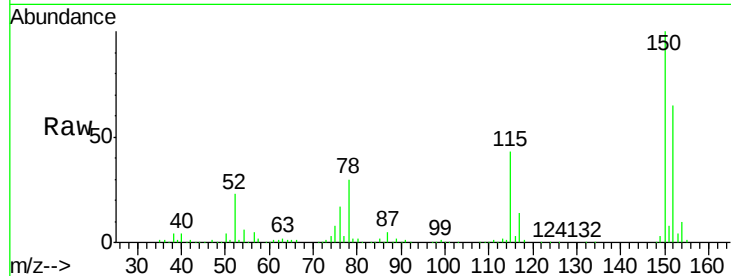




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.00 min Scan# 408
 Delta R.T. -0.00 min
 Lab File: BF090413.D
 Acq: 6 Oct 2016 6:39

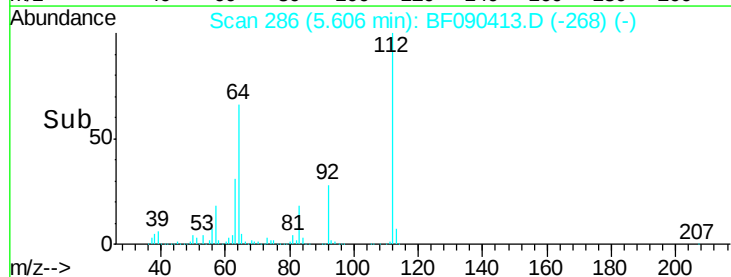
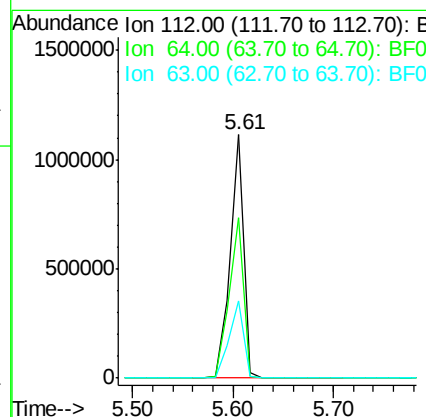
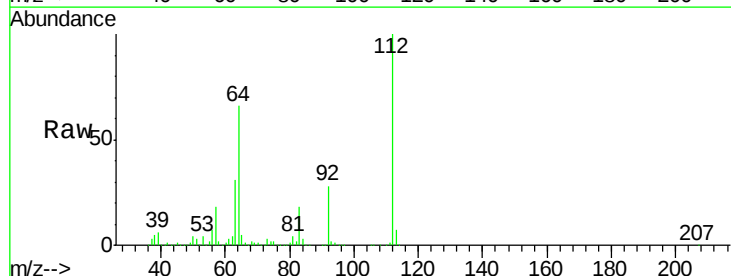
Instrument :
 BNA_F
 ClientSampleId :
 FB

Tot Ion:152 Resp: 243763
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 67.1 46.2 69.4



#5
 2-Fluorophenol
 Concen: 63.06 ng
 RT: 5.61 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: BF090413.D
 Acq: 6 Oct 2016 6:39

Tgt Ion:112 Resp: 1029923
 Ion Ratio Lower Upper
 112 100
 64 65.8 57.9 86.9
 63 31.5 29.6 44.4





#7

Phenol-d6

Concen: 34.53 ng

RT: 6.61 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF090413.D

Acq: 6 Oct 2016 6:39

Instrument :

BNA_F

ClientSampled :

FB

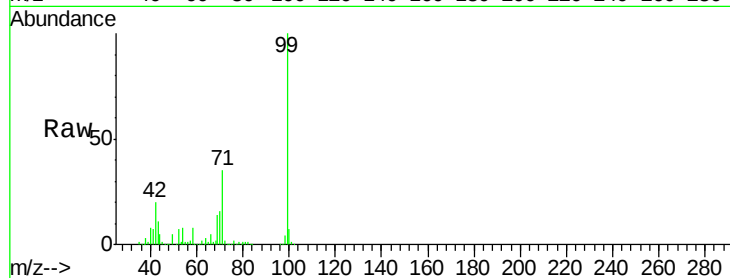
Tot Ion: 99 Resp: 738620

Ion Ratio Lower Upper

99 100

42 19.9 20.0 30.0#

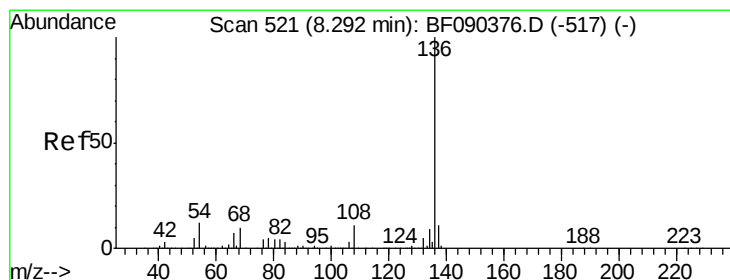
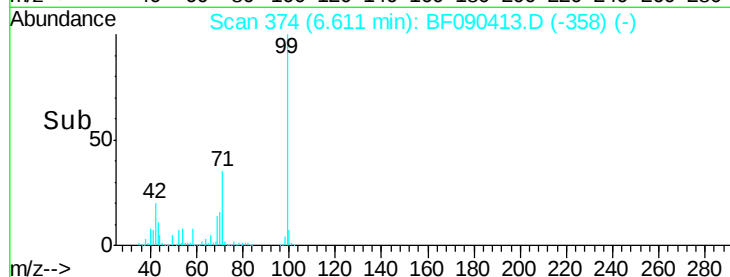
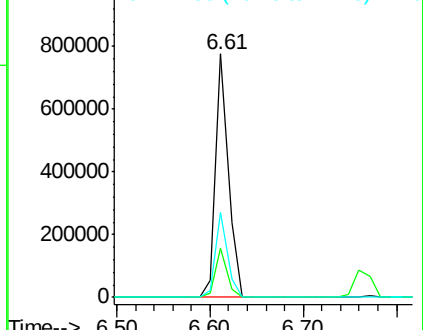
71 35.0 27.9 41.9



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: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090413.D

Acq: 6 Oct 2016 6:39

Tgt Ion: 136 Resp: 993397

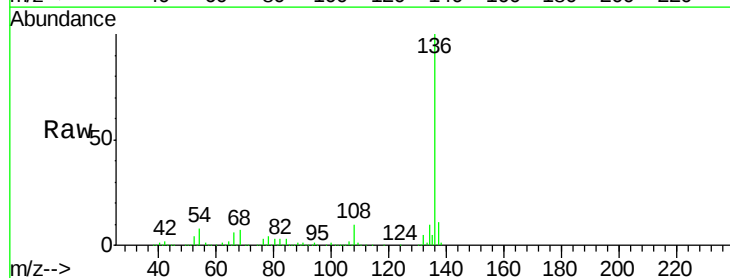
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.4 6.6 10.0

68 7.3 5.0 7.6

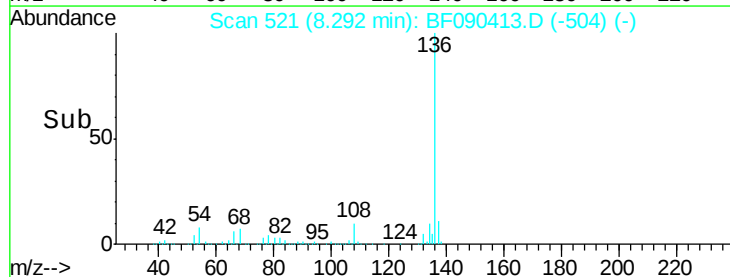
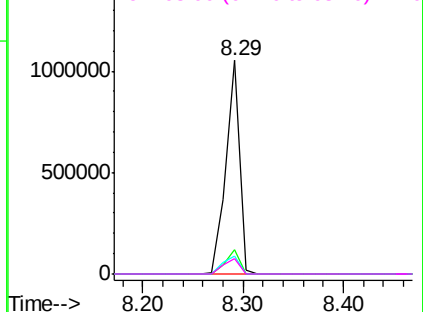


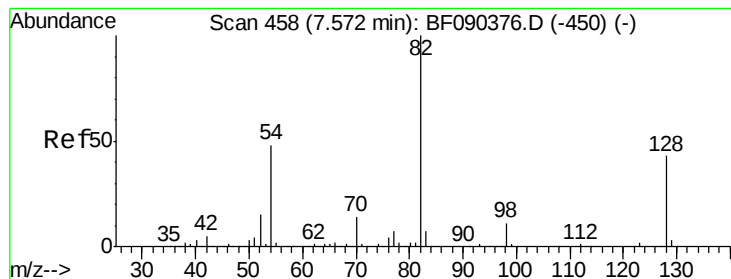
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.79 ng

RT: 7.56 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF090413.D

Acq: 6 Oct 2016 6:39

Instrument :

BNA_F

ClientSampled :

FB

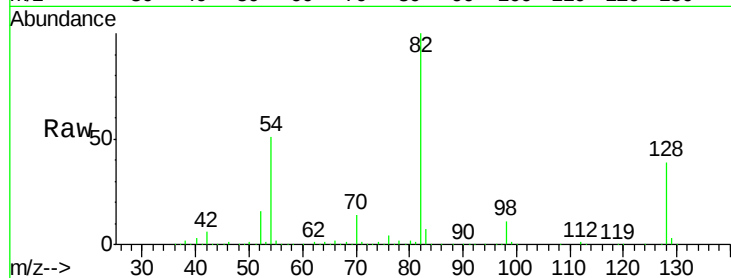
Tot Ion: 82 Resp: 1690684

Ion Ratio Lower Upper

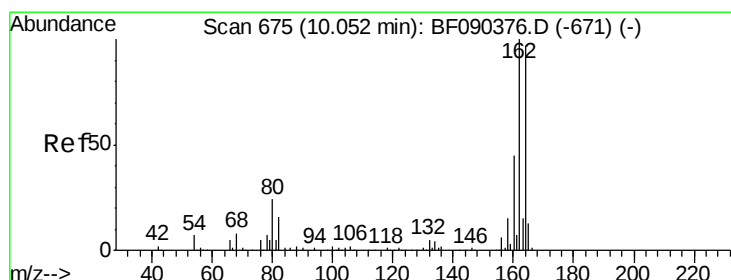
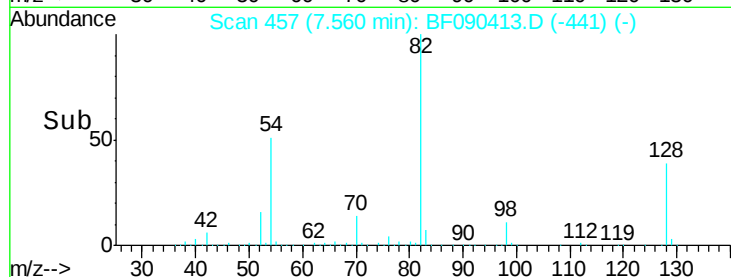
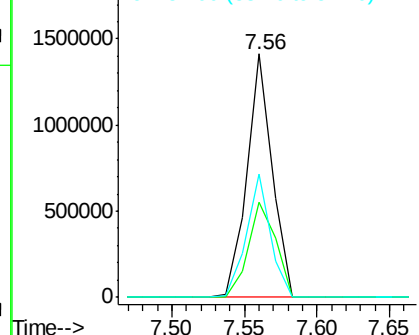
82 100

128 39.0 40.0 60.0#

54 50.9 42.6 64.0



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: 10.05 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF090413.D

Acq: 6 Oct 2016 6:39

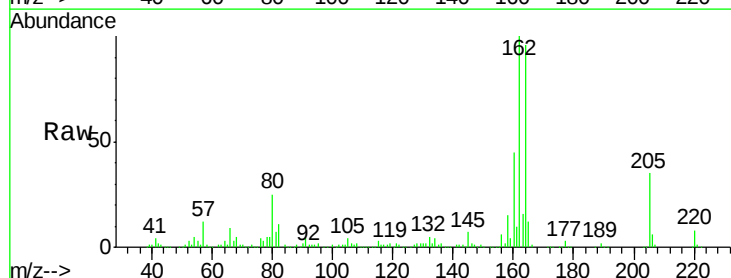
Tgt Ion:164 Resp: 524471

Ion Ratio Lower Upper

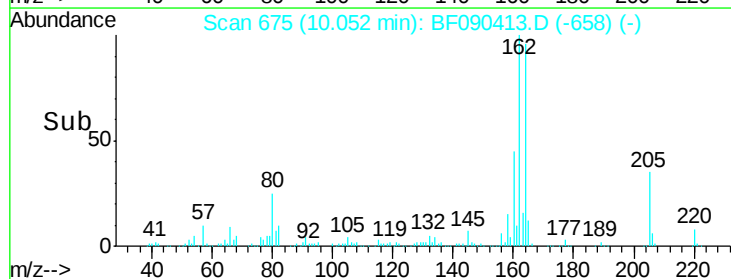
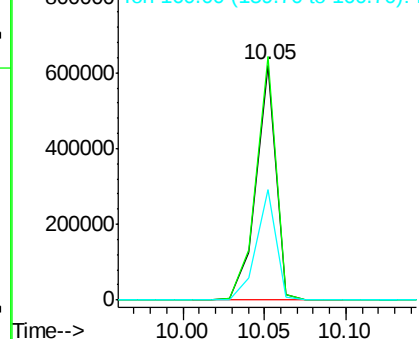
164 100

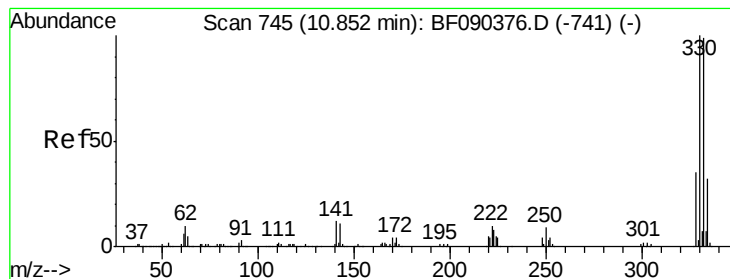
162 103.8 80.1 120.1

160 47.0 36.3 54.5



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: 120.24 ng

RT: 10.84 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF090413.D

Acq: 6 Oct 2016 6:39

Instrument :

BNA_F

ClientSampleId :

FB

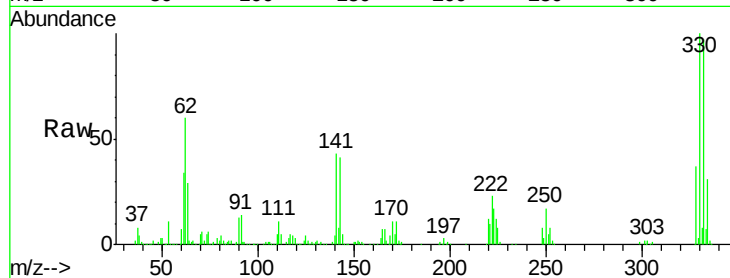
Tot Ion:330 Resp: 512780

Ion Ratio Lower Upper

330 100

332 97.1 75.4 113.0

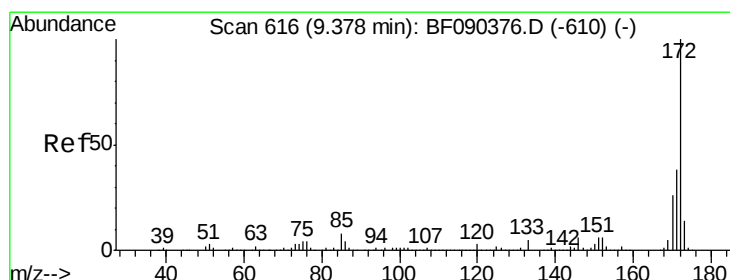
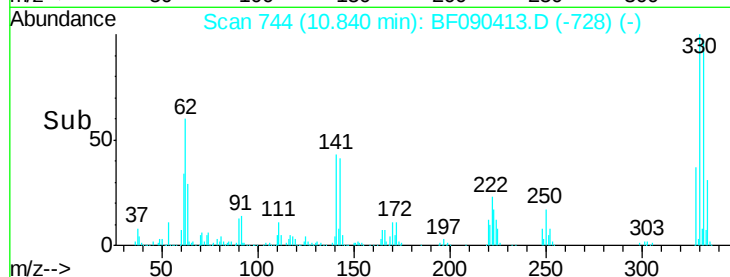
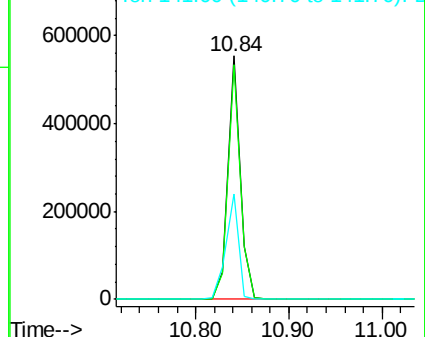
141 43.9 26.9 40.3#



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: 85.00 ng

RT: 9.37 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF090413.D

Acq: 6 Oct 2016 6:39

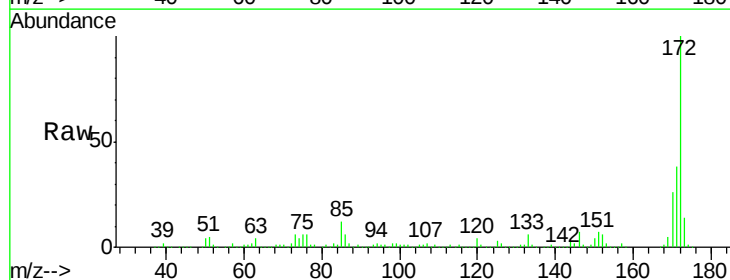
Tgt Ion:172 Resp: 2675669

Ion Ratio Lower Upper

172 100

171 37.6 31.8 47.8

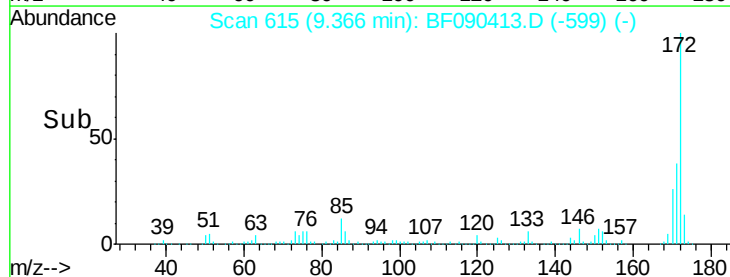
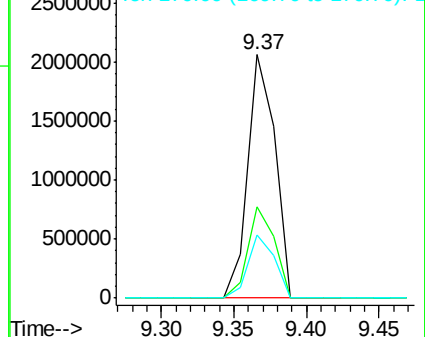
170 25.9 21.7 32.5

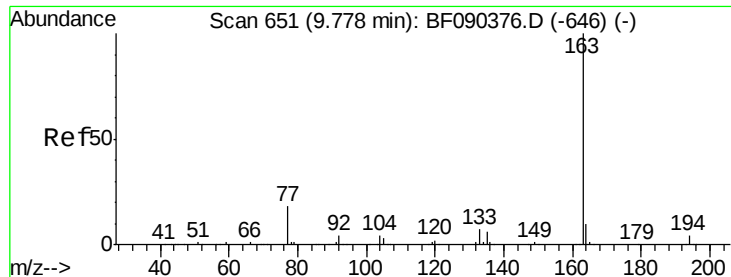


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

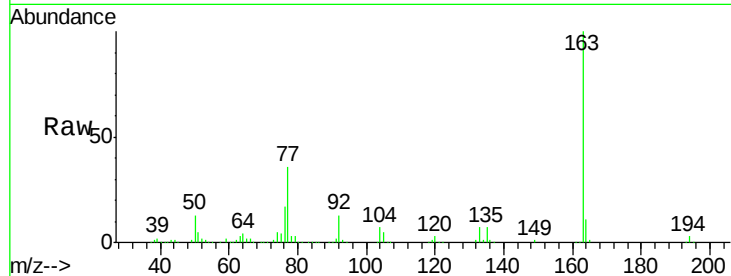




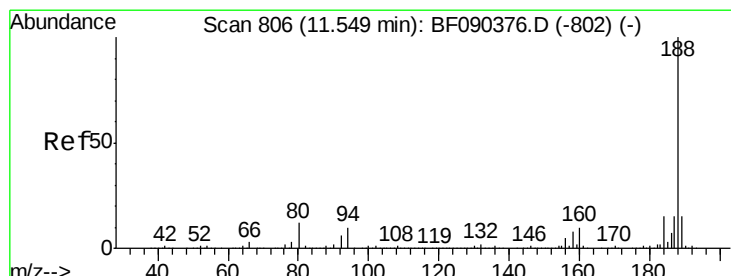
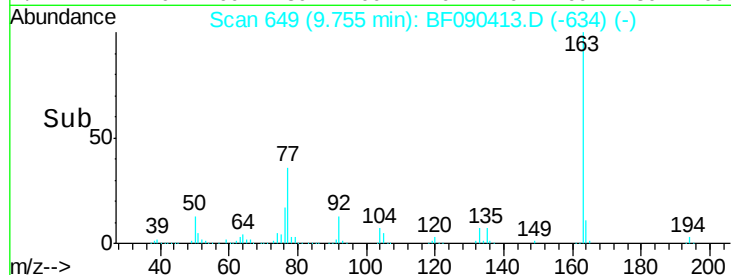
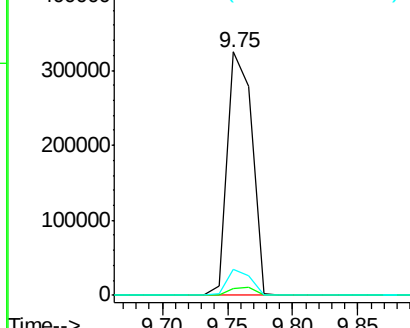
#49
Dimethylphthalate
Concen: 12.67 ng
RT: 9.75 min Scan# 649
Delta R.T. -0.02 min
Lab File: BF090413.D
Acq: 6 Oct 2016 6:39

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion:163 Resp: 425583
Ion Ratio Lower Upper
163 100
194 2.7 2.8 4.2#
164 10.5 9.0 13.4

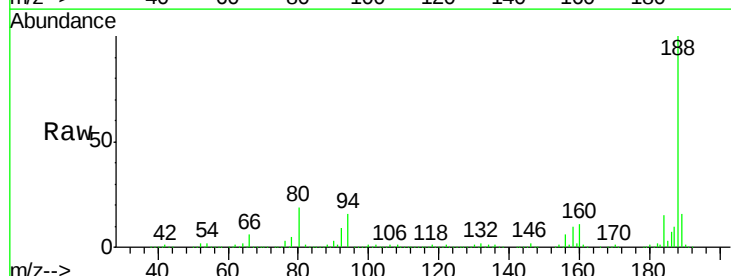


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

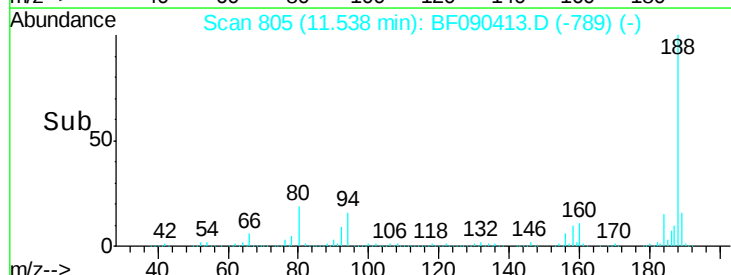
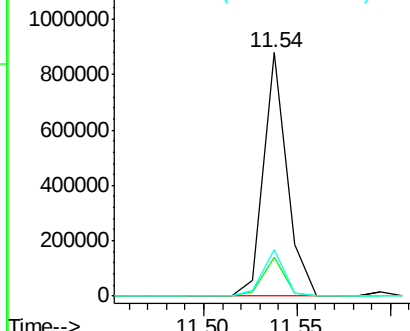


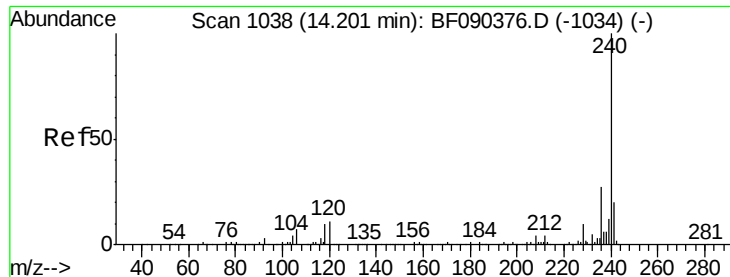
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090413.D
Acq: 6 Oct 2016 6:39

Tgt Ion:188 Resp: 770560
Ion Ratio Lower Upper
188 100
94 16.0 8.2 12.2#
80 19.0 8.8 13.2#



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: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090413.D

Acq: 6 Oct 2016 6:39

Instrument :

BNA_F

ClientSampleId :

FB

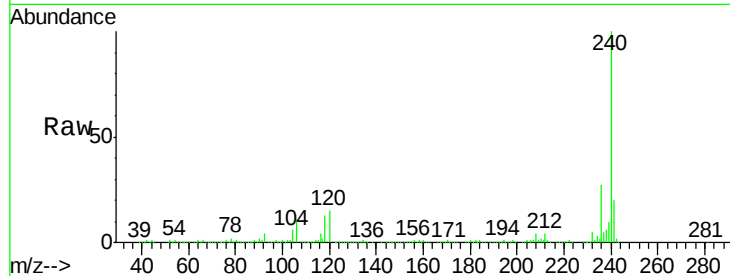
Tot Ion:240 Resp: 605989

Ion Ratio Lower Upper

240 100

120 15.0 8.6 13.0#

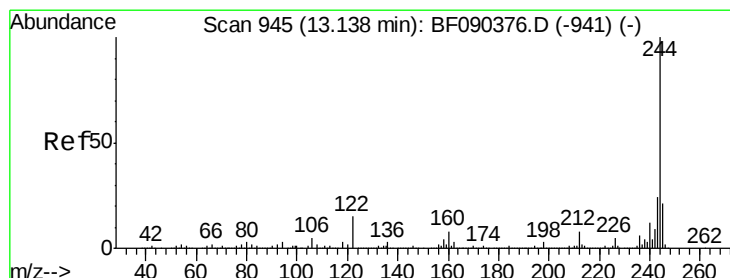
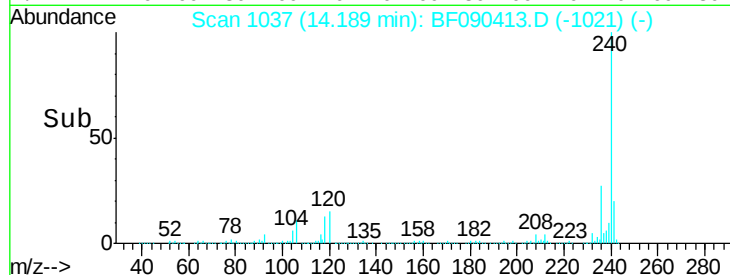
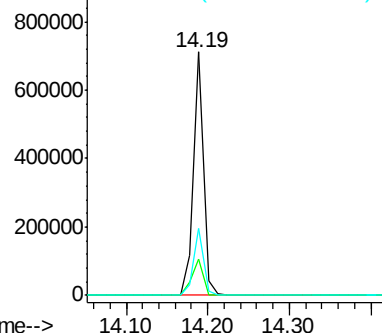
236 27.5 21.6 32.4



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: 91.03 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090413.D

Acq: 6 Oct 2016 6:39

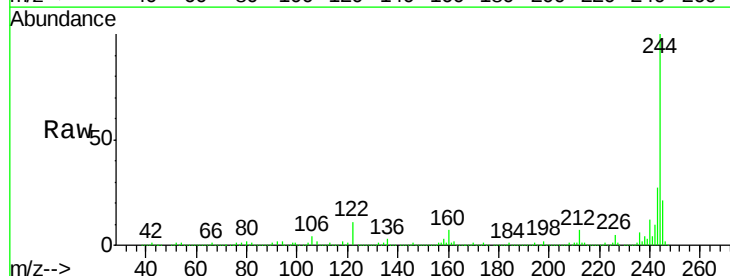
Tgt Ion:244 Resp: 2453755

Ion Ratio Lower Upper

244 100

212 7.4 6.8 10.2

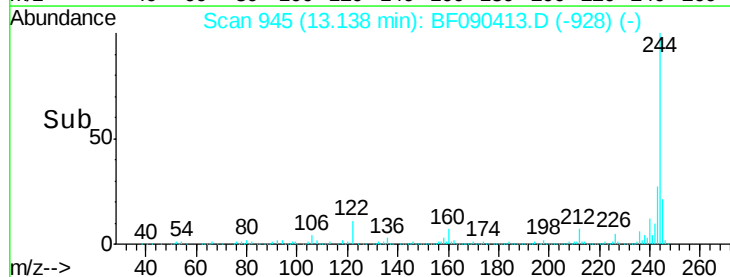
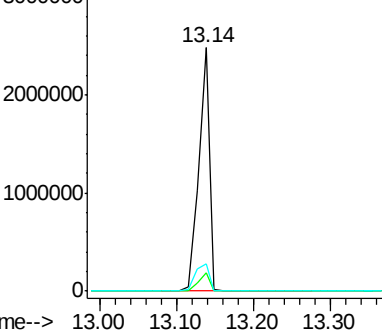
122 11.3 13.3 19.9#

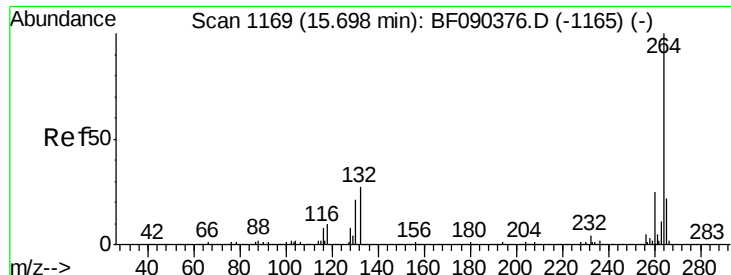


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

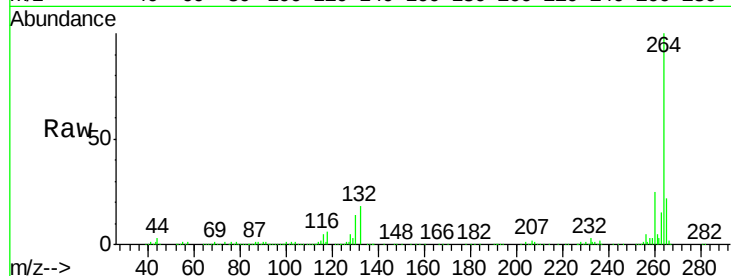




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090413.D
Acq: 6 Oct 2016 6:39

Instrument :
BNA_F
ClientSampleId :
FB

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	21.8	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

