

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051016\
 Data File : BF086883.D
 Acq On : 11 May 2016 6:09
 Operator : UM/SJ
 Sample : H2916-07
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-7K

Quant Time: May 11 07:55:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

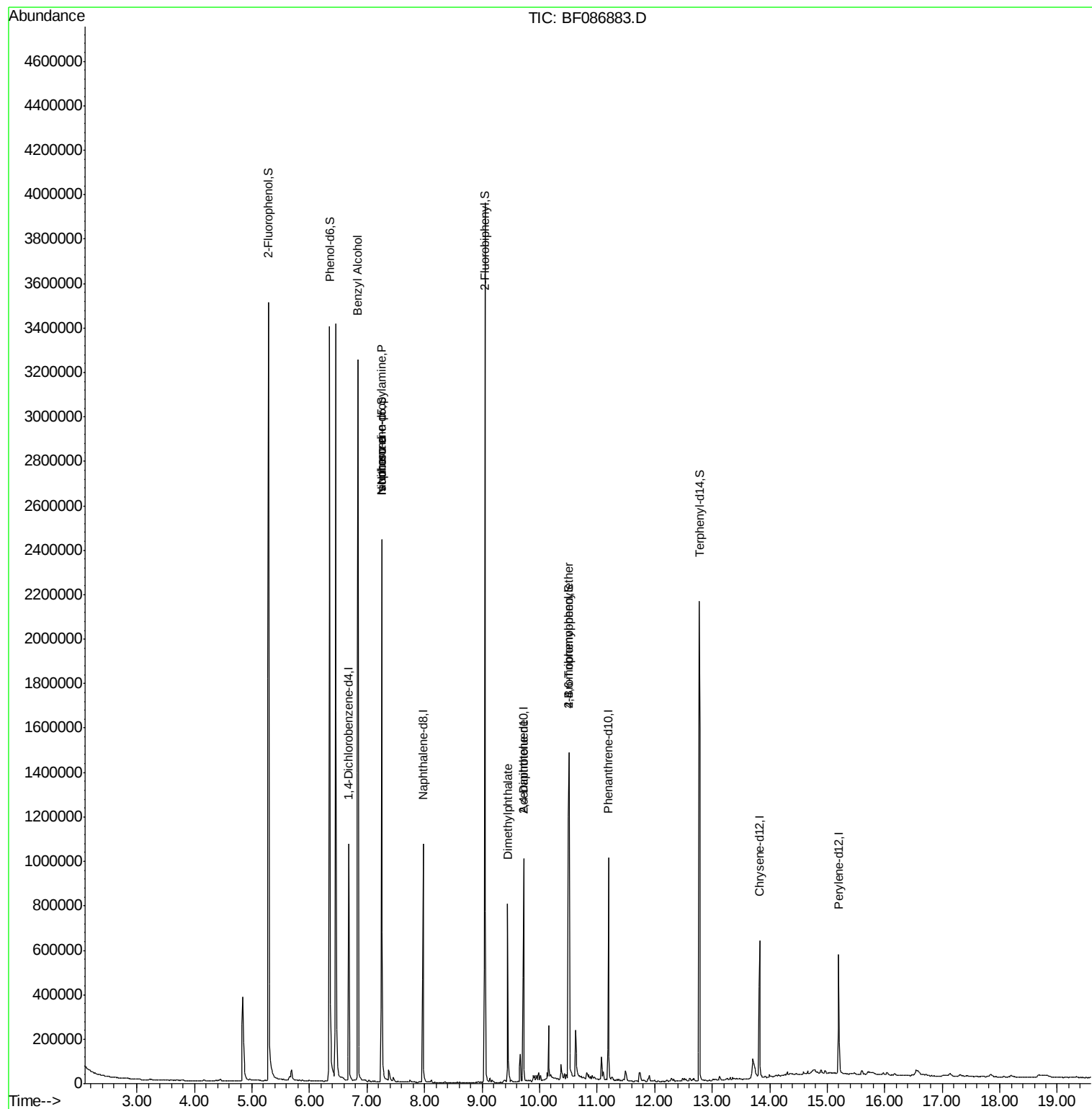
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	139096	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	523940	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	207459	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	332851	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	266422	20.00	ng	-0.01
86) Perylene-d12	15.20	264	230540	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1035887	126.12	ng	0.00
7) Phenol-d6	6.35	99	1350097	122.99	ng	-0.01
23) Nitrobenzene-d5	7.25	82	770281	73.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	225612	102.72	ng	-0.01
44) 2-Fluorobiphenyl	9.05	172	1137980	92.19	ng	-0.01
78) Terphenyl-d14	12.77	244	851114	67.78	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.84	79	15571	2.05	ng	# 36
19) n-Nitroso-di-n-propylamine	7.25	70	107566	14.02	ng	# 69
25) Isophorone	7.25	82	690904	35.69	ng	# 68
49) Dimethylphthalate	9.45	163	271253	17.14	ng	100
56) 2,4-Dinitrotoluene	9.72	165	26212	6.36	ng	# 16
66) 4-Bromophenyl-phenylether	10.51	248	14095	4.18	ng	# 1

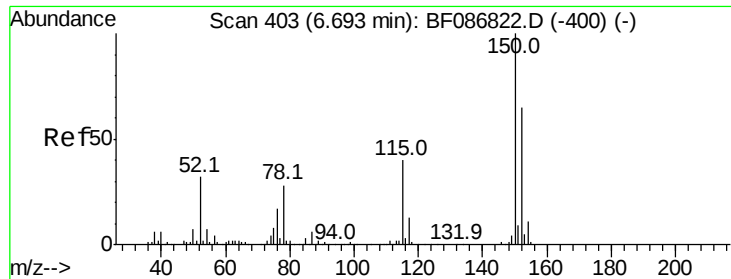
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 402

Delta R.T. -0.01 min

Lab File: BF086883.D

Acq: 11 May 2016 6:09

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-7K

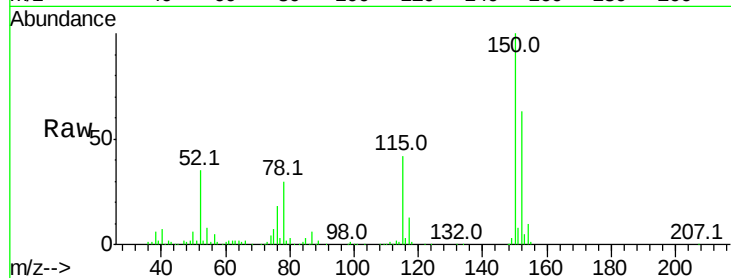
Tot Ion:152 Resp: 139096

Ion Ratio Lower Upper

152 100

150 159.9 125.8 188.6

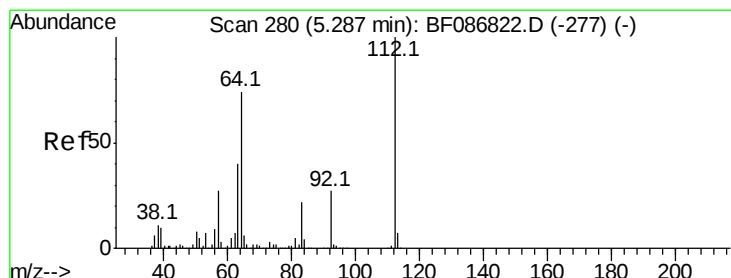
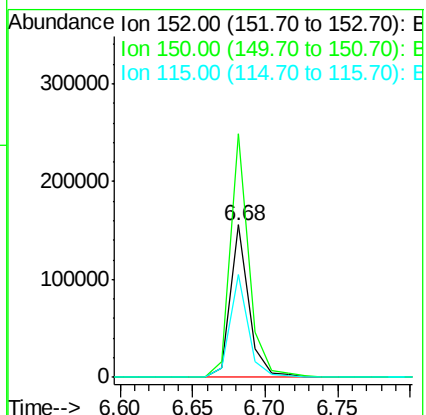
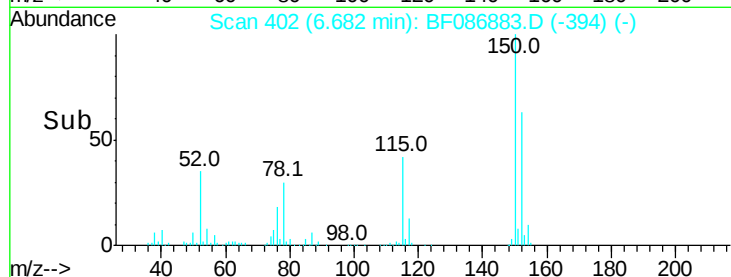
115 67.4 51.5 77.3



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: 126.12 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF086883.D

Acq: 11 May 2016 6:09

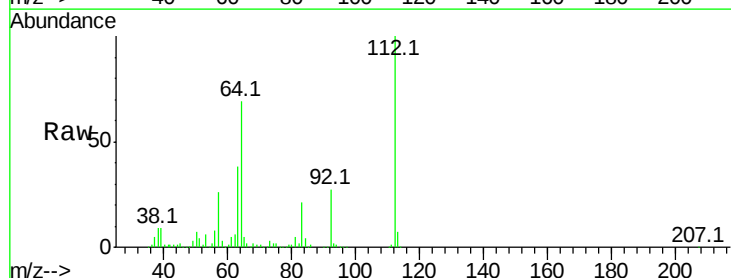
Tgt Ion:112 Resp: 1035887

Ion Ratio Lower Upper

112 100

64 69.2 52.1 78.1

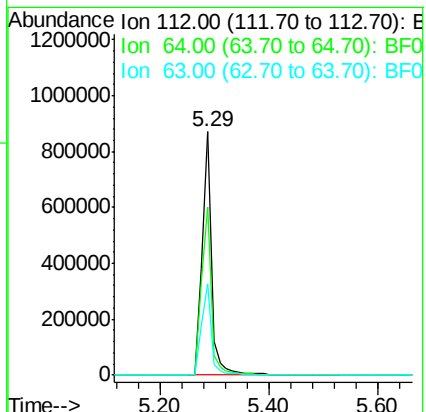
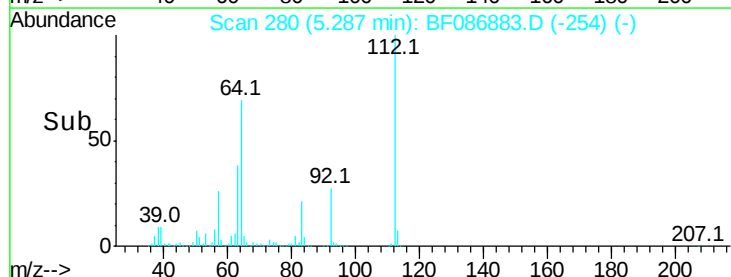
63 37.5 25.7 38.5

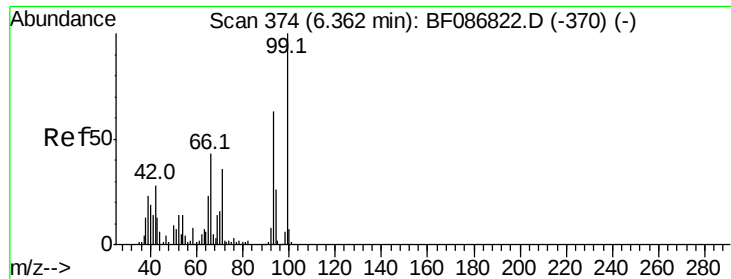


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.99 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.01 min

Lab File: BF086883.D

Acq: 11 May 2016 6:09

Instrument :

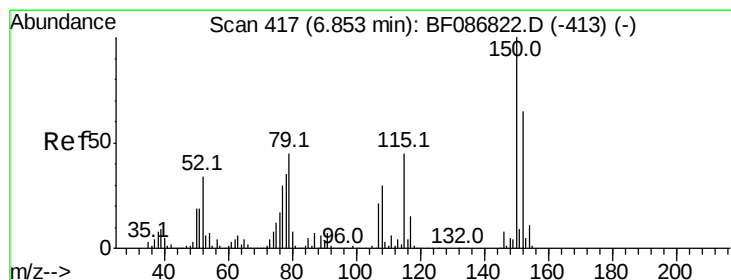
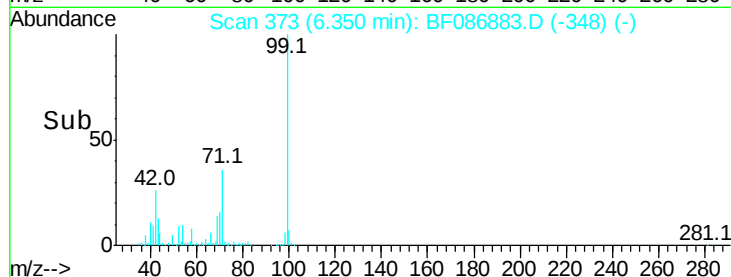
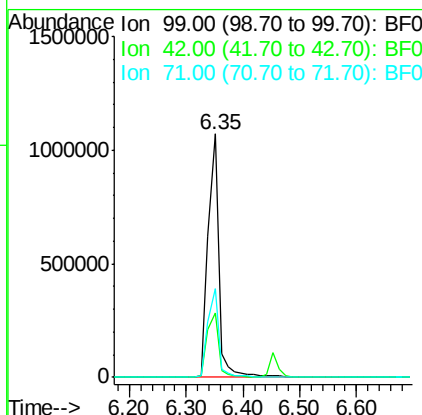
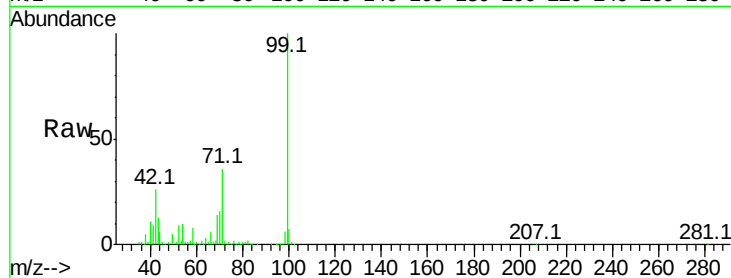
BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-7K

Tot Ion: 99 Resp: 1350097

Ion	Ratio	Lower	Upper
99	100		
42	26.3	13.6	20.4#
71	36.3	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.84 min Scan# 416

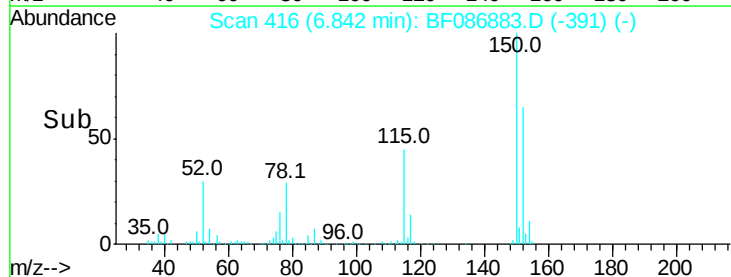
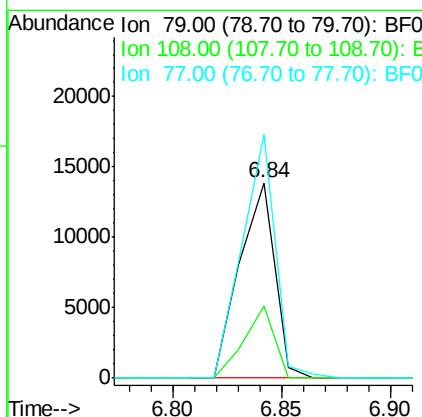
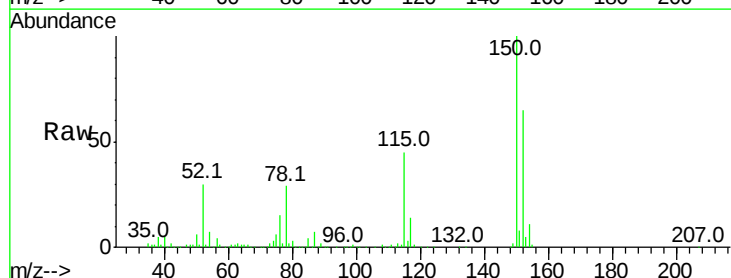
Delta R.T. -0.01 min

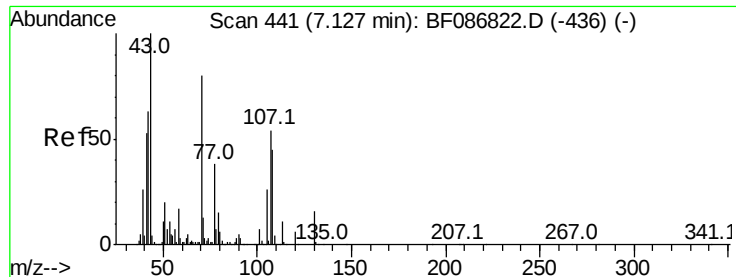
Lab File: BF086883.D

Acq: 11 May 2016 6:09

Tgt Ion: 79 Resp: 15571

Ion	Ratio	Lower	Upper
79	100		
108	37.2	68.4	102.6#
77	124.6	50.6	76.0#

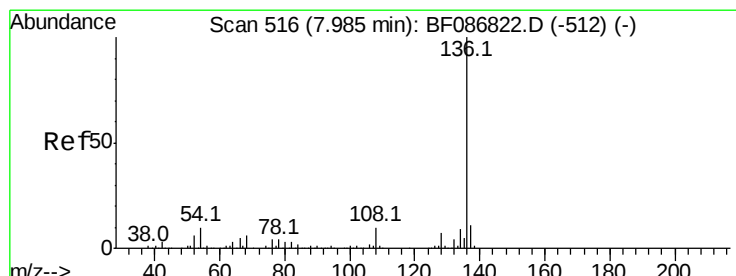
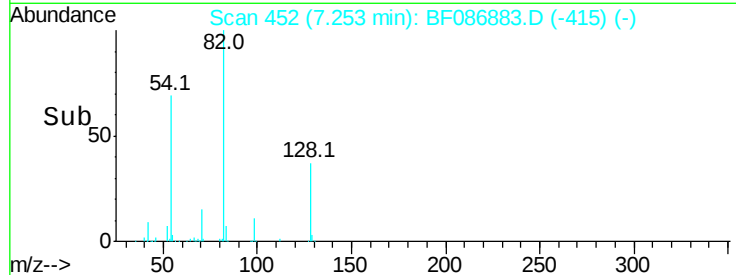
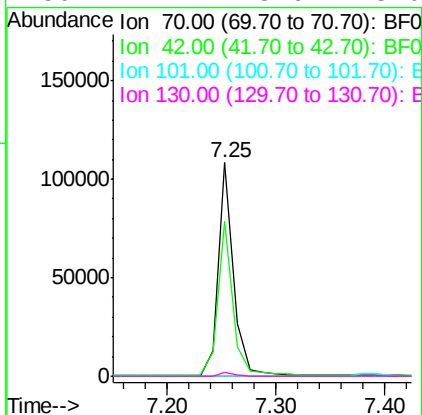
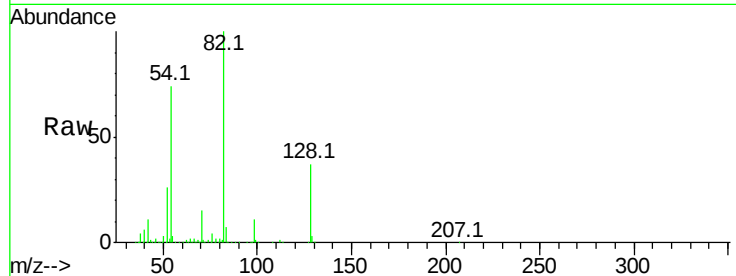




#19
n-Nitroso-di-n-propylamine
Concen: 14.02 ng
RT: 7.25 min Scan# 452
Delta R.T. 0.13 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

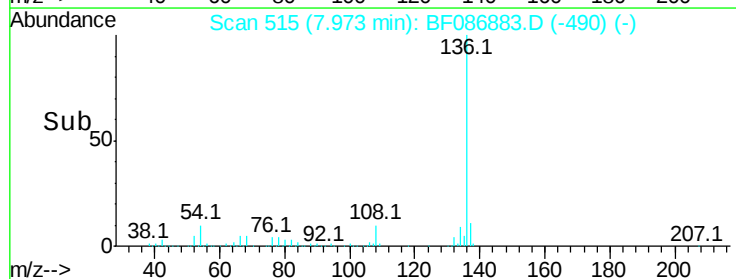
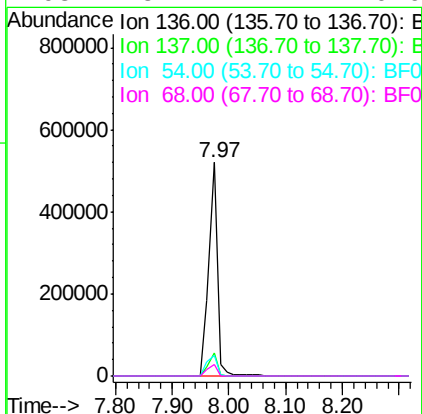
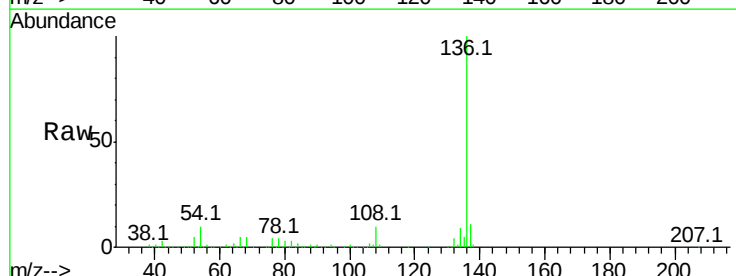
Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-7K

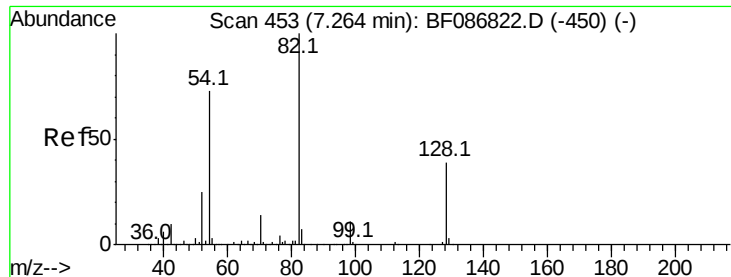
Tot Ion: 70 Resp: 107566
Ion Ratio Lower Upper
70 100
42 72.6 43.1 64.7#
101 0.0 8.1 12.1#
130 1.7 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.97 min Scan# 515
Delta R.T. -0.01 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

Tgt Ion: 136 Resp: 523940
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.5 5.0 7.4#
68 5.4 4.4 6.6

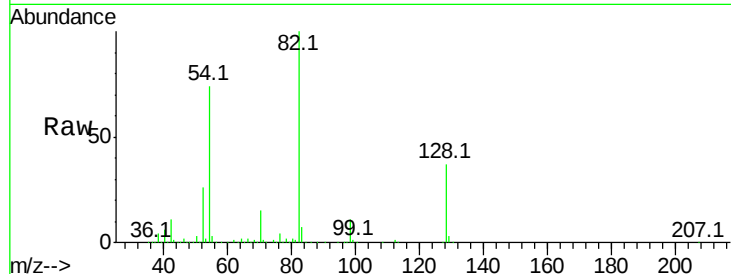




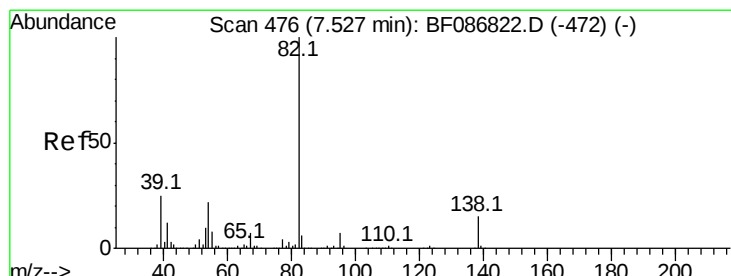
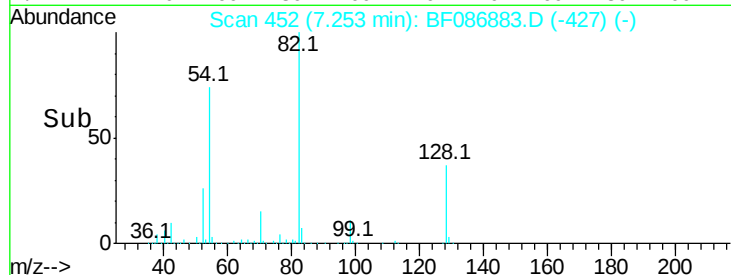
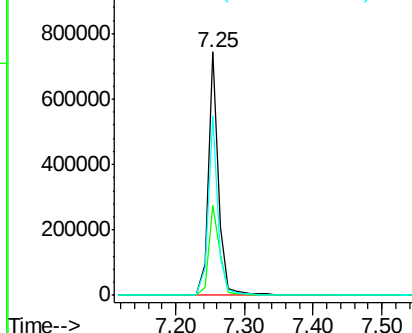
#23
Nitrobenzene-d5
Concen: 73.82 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-7K

Tot Ion: 82 Resp: 770281
Ion Ratio Lower Upper
82 100
128 37.2 40.6 61.0#
54 73.6 38.1 57.1#

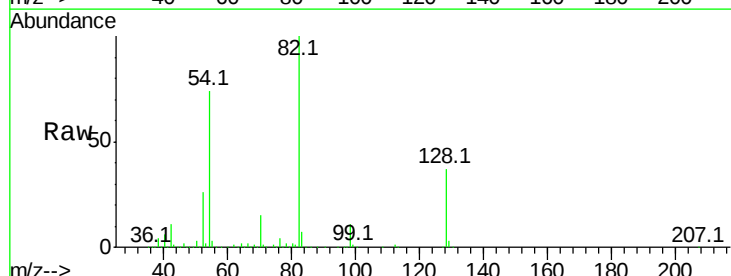


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

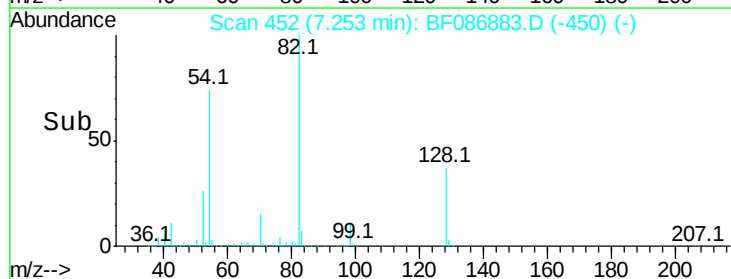
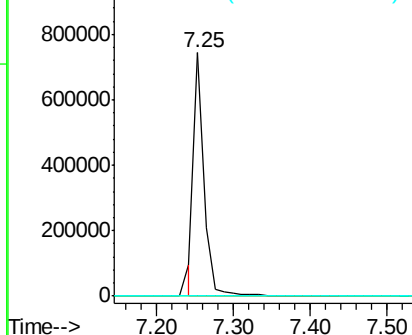


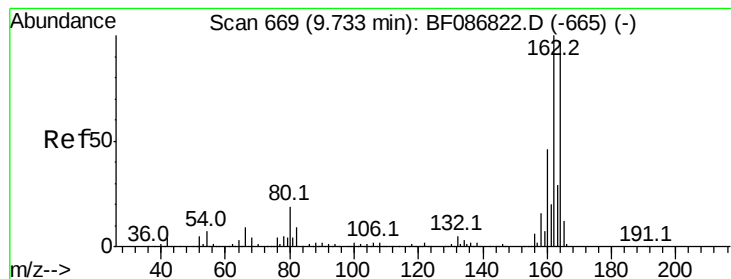
#25
Isophorone
Concen: 35.69 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.27 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

Tgt Ion: 82 Resp: 690904
Ion Ratio Lower Upper
82 100
95 0.0 5.1 7.7#
138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF086883.D

Acq: 11 May 2016 6:09

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-CSPH3-7K

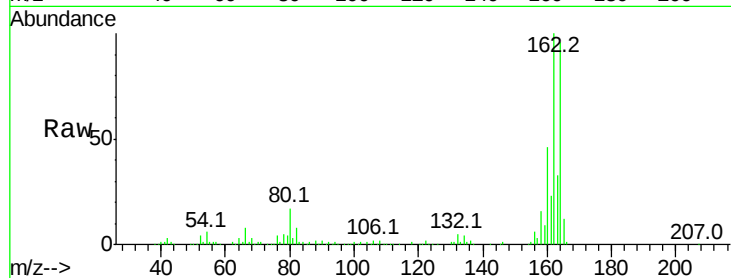
Tot Ion:164 Resp: 207459

Ion Ratio Lower Upper

164 100

162 104.5 82.8 124.2

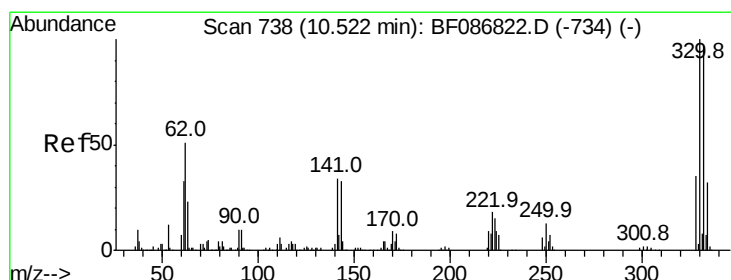
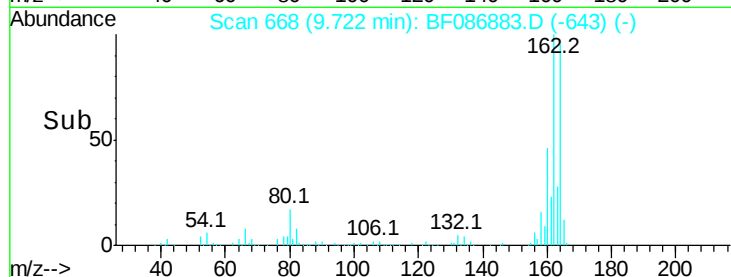
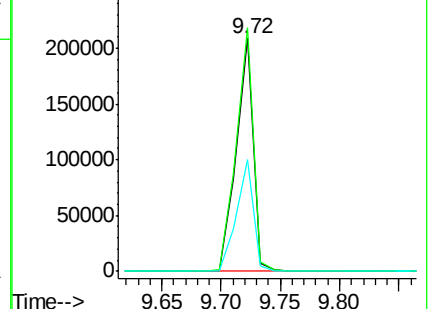
160 48.1 36.9 55.3



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: 102.72 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF086883.D

Acq: 11 May 2016 6:09

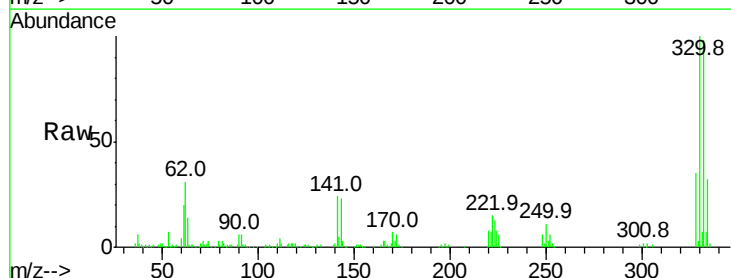
Tgt Ion:330 Resp: 225612

Ion Ratio Lower Upper

330 100

332 97.0 79.0 118.4

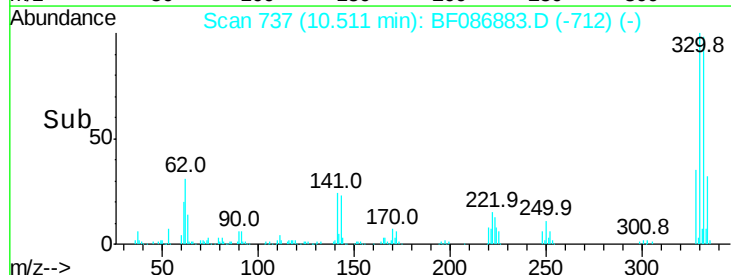
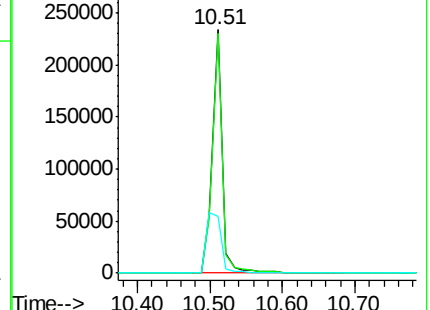
141 37.4 31.2 46.8

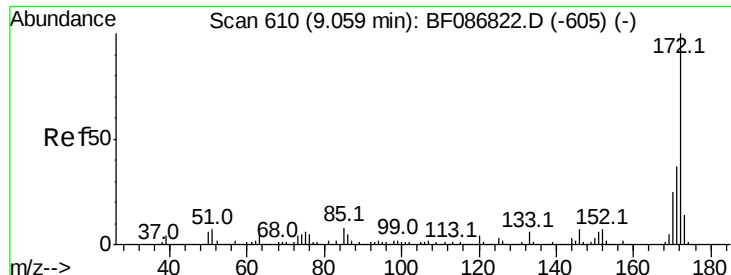


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

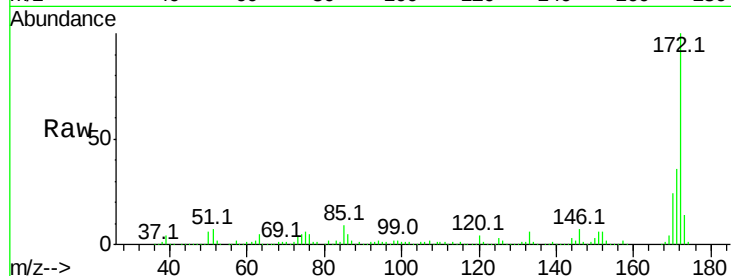




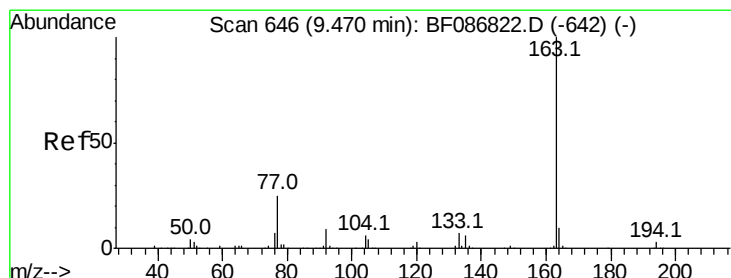
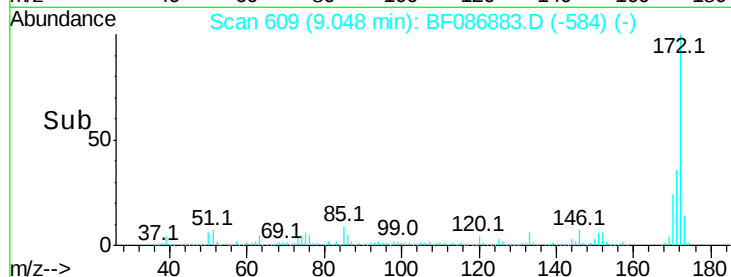
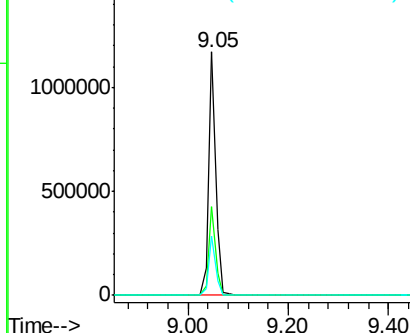
#44
2-Fluorobiphenyl
Concen: 92.19 ng
RT: 9.05 min Scan# 609
Delta R.T. -0.01 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-7K

Tot Ion:172 Resp: 1137980
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.4 19.8 29.8

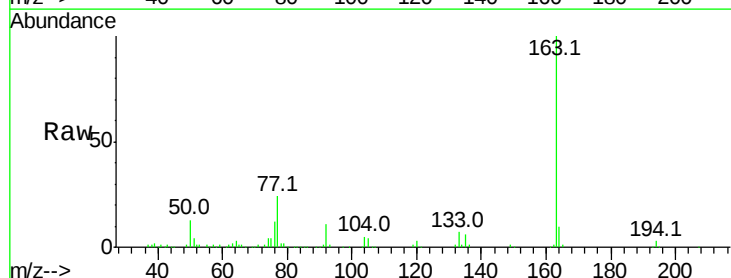


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

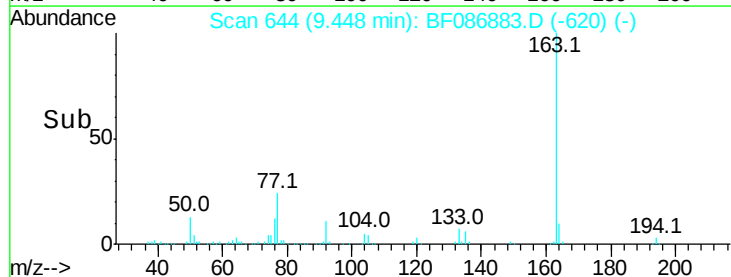
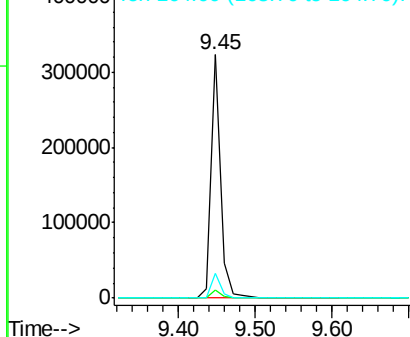


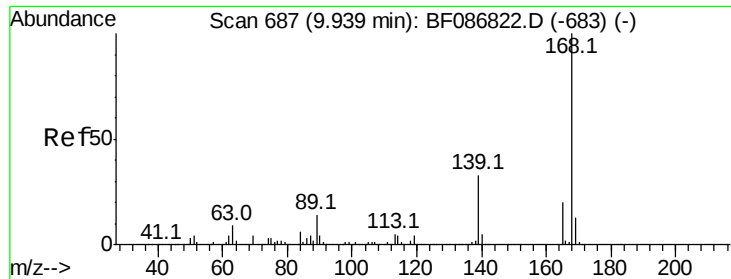
#49
Dimethylphthalate
Concen: 17.14 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

Tgt Ion:163 Resp: 271253
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.2 8.2 12.4



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

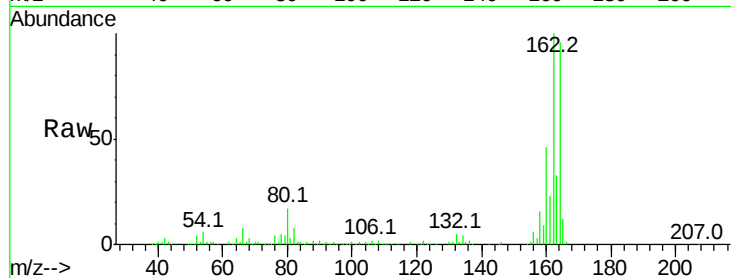




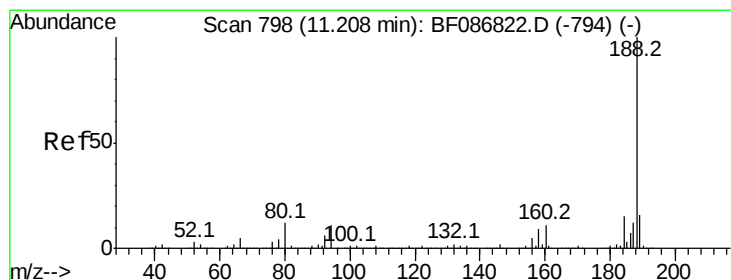
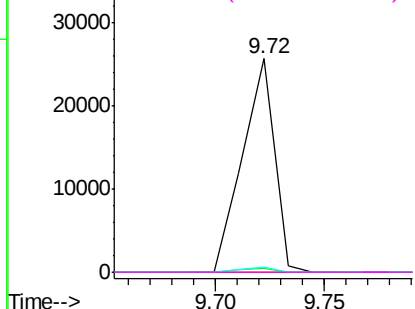
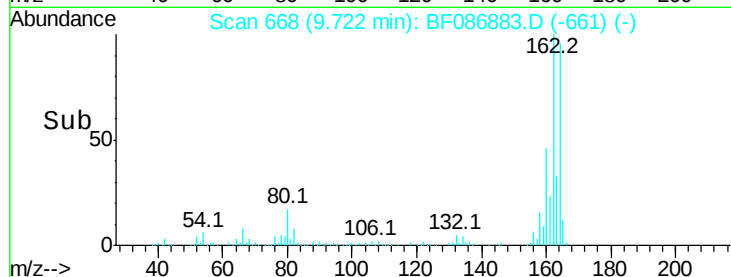
#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.22 min
 Lab File: BF086883.D
 Acq: 11 May 2016 6:09

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-7K

Tot Ion:165 Resp: 26212
 Ion Ratio Lower Upper
 165 100
 63 2.0 44.3 66.5#
 89 2.1 70.0 105.0#
 182 0.0 1.8 2.6#

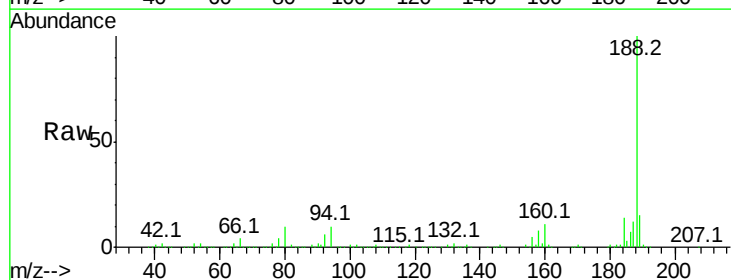


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

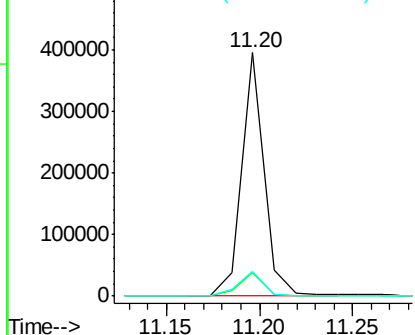
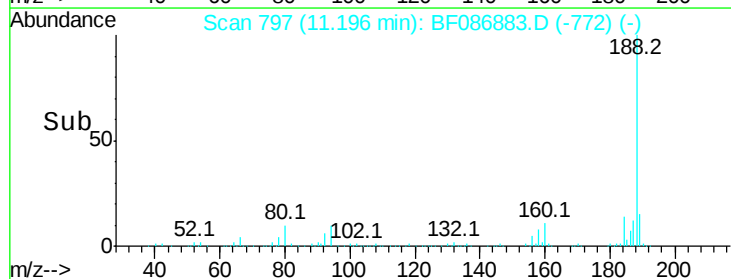


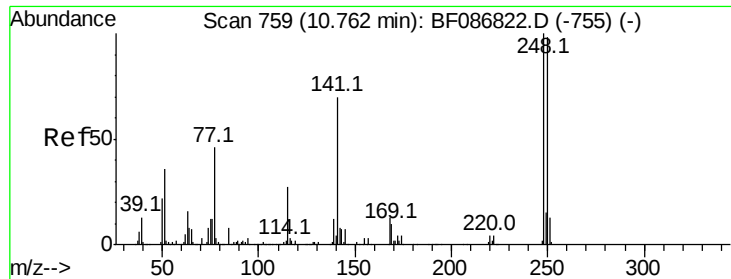
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF086883.D
 Acq: 11 May 2016 6:09

Tgt Ion:188 Resp: 332851
 Ion Ratio Lower Upper
 188 100
 94 9.7 6.8 10.2
 80 10.3 7.1 10.7



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

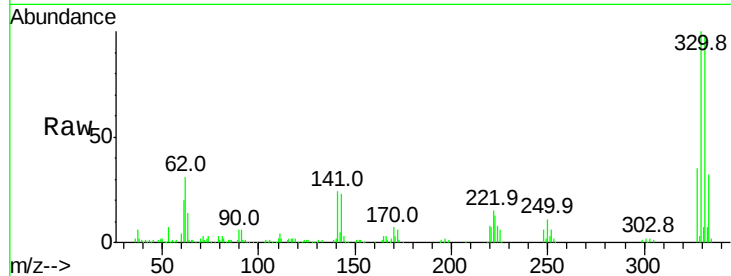




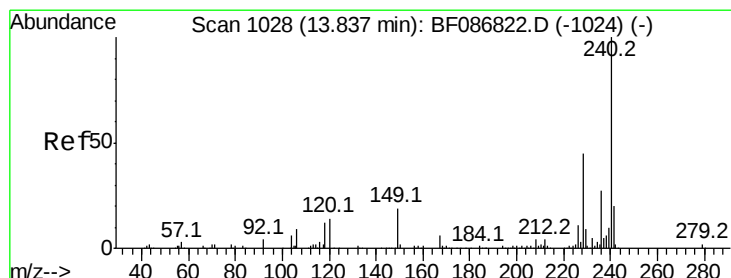
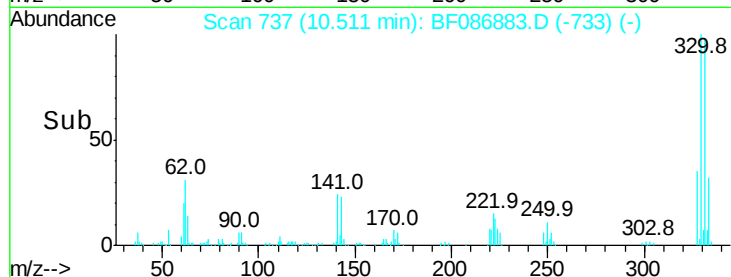
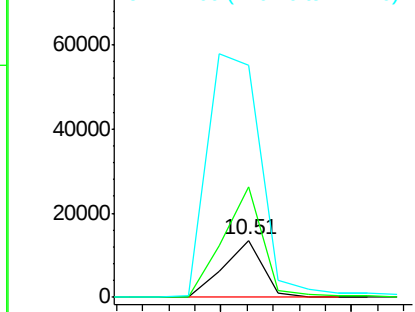
#66
4-Bromophenyl-phenylether
Concen: 4.18 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.25 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

Instrument :
BNA_F
ClientSampleId :
VITALE-FILL-CSPH3-7K

Tot Ion:248 Resp: 14095
Ion Ratio Lower Upper
248 100
250 193.9 78.6 117.8#
141 407.2 76.0 114.0#

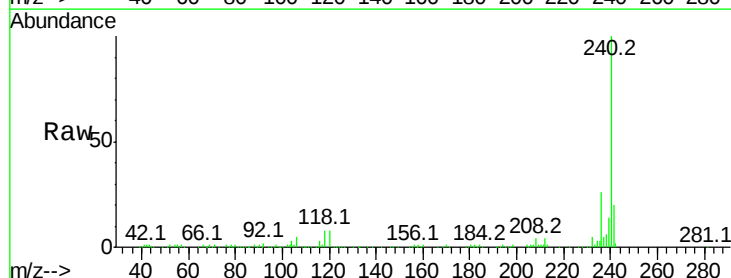


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

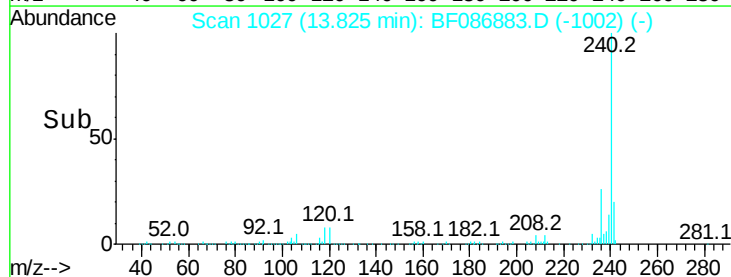
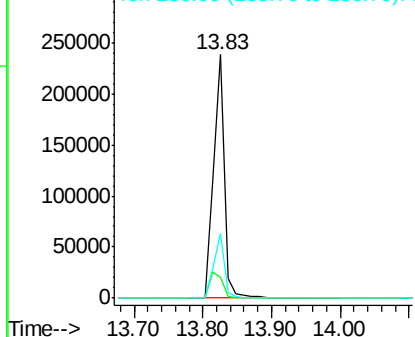


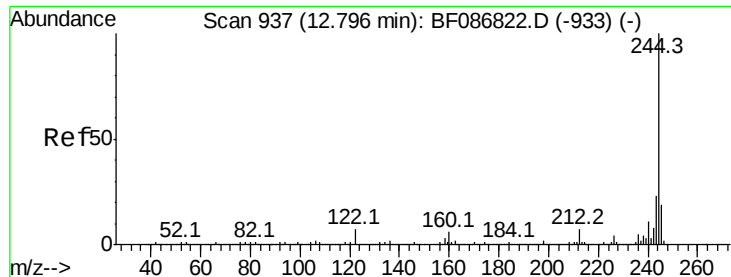
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF086883.D
Acq: 11 May 2016 6:09

Tgt Ion:240 Resp: 266422
Ion Ratio Lower Upper
240 100
120 8.4 11.2 16.8#
236 26.3 21.2 31.8



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

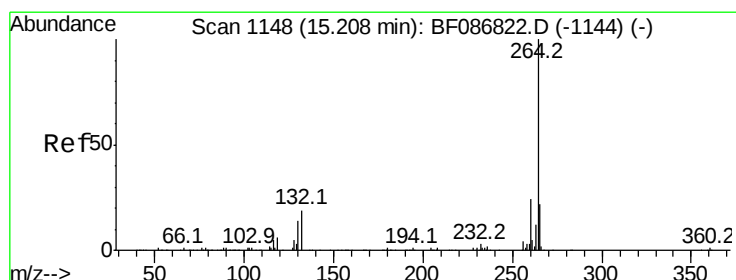
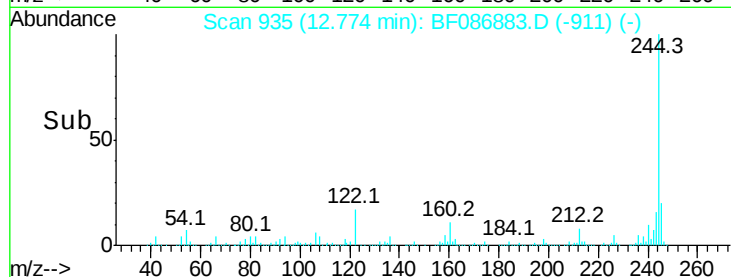
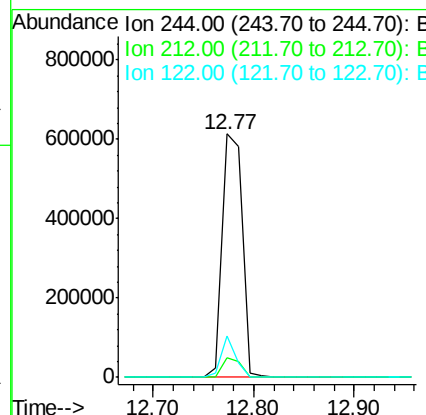
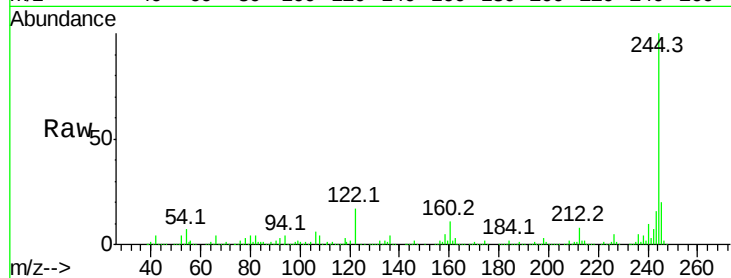




#78
 Terphenyl-d14
 Concen: 67.78 ng
 RT: 12.77 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF086883.D
 Acq: 11 May 2016 6:09

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-CSPH3-7K

Tot Ion:244 Resp: 851114
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 17.1 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1147
 Delta R.T. -0.01 min
 Lab File: BF086883.D
 Acq: 11 May 2016 6:09

Tgt Ion:264 Resp: 230540
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.7 17.3 25.9

